

19981111.qrp v01_n273.qrs.981111

Date: Wed, 11 Nov 1998 19:03:40 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1273

QRP-L Digest 1273

Topics covered in this issue include:

- 1) [24754] 10K 10-Turn Potentiometers -- That's All Folks!
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
- 2) [24755] Computer for logging?
by "Ronald Hands" <rhands@hwcen.org>
- 3) [24756] Re: Computer for logging?
by Ed <edn4pk@voyageronline.net>
- 4) [24757] SS
by "Dan Wolfe" <n4roa@mounet.com>
- 5) [24758] [Fwd: Heathkit Stuff Wanted !!]
by Andy Cunningham <andy@gm0nwi.freemove.co.uk>
- 6) [24759] Re: The 'ol 10m Sierra output problem
by "Hugo W. Catta" <hugo@banet.net>
- 7) [24760] Unbuilt HW-8 is worth?
by Vic Rosenthal <rakefet@rakefet.com>
- 8) [24761] Re: Computer for logging?
by Dave Sjolun <sjolun@swbell.net>
- 9) [24762] Qrp Gumbo? Wire/Rope to go!
by hamjoel@juno.com
- 10) [24763] fox: sometimes it's too easy?
by "Marshall Emm" <mgemm@mtechnologies.com>
- 11) [24764] Re: QRO response to QRP contesters (long)
by W5TB <w5tb@SoftHome.net>
- 12) [24765] Re: fox: sometimes it's too easy?
by Wayne Alexander <walexan@ipa.net>
- 13) [24766] FOX: Happy dance in CO
by "David Ek" <ekdave@earthlink.net>
- 14) [24767] Re: N3FJP SS Logging Program
by "David Ek" <ekdave@earthlink.net>
- 15) [24768] Re: SS - The Last Word
by "David Ek" <ekdave@earthlink.net>
- 16) [24769] Re: Computer for logging?
by kq0i@juno.com (Mark R Milburn)
- 17) [24770] AF5Z QRP SS CW Results
by "Bob Helms" <af5z@inetport.com>
- 18) [24771] CW Speeds - Contesting & General Operating
by "Bob Helms" <af5z@inetport.com>
- 19) [24772] Re: K1MG Fox - Great sigs in Co

- by Vince Kumagai <sonofullr@idcomm.com>
- 20) [24773] re K1MG hiding out in CA
by Dick Schneider <rschneid@ix.netcom.com>
- 21) [24774] FOX: K1MG
by Tom Palmer <n1tp@worldnet.att.net>
- 22) [24775] Looking For Cheap Ant Tuner
by Zenith9zn@aol.com
- 23) [24776] 300 ohm antennas? any designs?
by "Brandon Brinkley" <ac4ou@mail3.wilmington.net>
- 24) [24777] Re: Computer for logging?
by Steven Weber <kd1jv@moose.ncia.net>
- 25) [24778] Re: The 'ol 10m Sierra output problem
by mwattcpa@earthlink.net (Marty Watt)
- 26) [24779] Re: Computer for logging?
by Monte Stark <ku7y@dri.edu>
- 27) [24780] SS, contesting , operating events, life, etc.
by "Robert Armstrong" <barmstrong@sisna.com>
- 28) [24781] Re: CW Speeds
by urolab@ix.netcom.com
- 29) [24782] FOX: Skunked in FL.
by Macstein@aol.com
- 30) [24783] QRP Rigs
by "Jim C" <jimc@msw0.attnet.or.jp>
- 31) [24784] Re: Antenna Contest Exchanges: An Invitation (lon
by Michael Neverdosky <MichaelN@cycat.com>
- 32) [24785] 11-2-10 Project
by "John Humphrey" <jhumphre@ultra-tech.com>
- 33) [24786] K1MG fox
by jeverhar@cse.l-3com.com
- 34) [24787] Re: 300 ohm antennas? any designs?
by Rod Cercone <rlw@frie.com>
- 35) [24788] Re: QRP Rigs
by Rod Cercone <rlw@frie.com>
- 36) [24789] small loop antennas
by Rod Cercone <rlw@frie.com>
- 37) [24790] Centennial 40 meter kit building "faux pas"
by Michael Maiorana <mikemo@ibm.net>
- 38) [24791] W9GR dsp kit available
by Michael Maiorana <mikemo@ibm.net>
- 39) [24792] BYO XCVR/ CD4067 ?
by James Skalski <jskalski@buffnet.net>
- 40) [24793] 300 Ohm Ladder Line
by Chuck Adams <adams@ticnet.com>
- 41) [24794] battery op with 6 and 12vdc?
by James Skalski <jskalski@buffnet.net>
- 42) [24795] BYO XCVR AMP ?
by James Skalski <jskalski@buffnet.net>
- 43) [24796] FS: Ten Tec Argosy 525 w/ p/s & digital dial

by nilsbull@juno.com (Nils R Young)

44) [24797] Re: Antenna Contest Exchanges: An Invitation (lon
by Vic Rosenthal <rakefet@rakefet.com>

45) [24798] AR-QRP 40 m Net Wednesday Night
by Robsparks@aol.com

46) [24799] Re: 300 Ohm Ladder Line
by "Greg Breeden" <a10a@hotmail.com>

47) [24800] FOX: Teams lineup (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>

48) [24801] Re: K1MG fox
by "Richard E. Robinson" <rerobins@email.uncc.edu>

49) [24802] RE: Centennial 40 meter kit building "faux pas"
by Sam Billingsley <SBillingsley@usaninc.com>

50) [24803] RE: Resonant Speaker project and Patents
by Brad Mugleston <bmug@gwl.com>

51) [24804] Correction to QRO viewing QRP in contest
by Grant Taylor <k7gt@qsl.net>

52) [24805] Help: Need Circuit boards made??
by applitech@mcg.net (Claton Cadmus)

53) [24806] 12V gel cell pricing
by Ron <rong@slip.net>

54) [24807] FS: TERMAN BOOK
by Brad Bradfield <b_bradfield@yahoo.com>

55) [24808] AA1BK -- Are You There??
by Larry East <w1hue@amsat.org>

56) [24809] FOX: K1MG
by Bruce Rattray <rattray@gpfn.sk.ca>

57) [24810] L.O. Not always starting
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>

58) [24811] TFE / Parts
by James Skalski <jskalski@buffnet.net>

59) [24812] KK6MC/5 SS Summary, N4BP Propagation Indicator
by "James R. Duffey" <ji3m@maxwell.com>

60) [24813] RIding the Airwaves with Alpha and Zulu
by Jim Knopf <ki7q@yahoo.com>

61) [24814] 300 Ohm Ladder Line-- More!
by "Marshall Emm" <mgemm@mtechnologies.com>

62) [24815] Re: AA1BK -- Are You There??
by "Bryan Turner" <turnerw@email.uah.edu>

63) [24816] Re:Tuning Forks trade and Res. Spkr project.
by "Bill Todd" <bill@willapabay.org>

64) [24817] RE: Win a NorCal 20
by Larry East <w1hue@amsat.org>

65) [24818] Re: Help: Need Circuit boards made??
by Chris Trask <ctrask@primenet.com>

66) [24819] Re: Win a NorCal 20
by "Steve Sorrell" <ap036@detroit.freenet.org>

67) [24820] Re: TFE / Parts (mea culpa)

by "Radman" <radman@best.com>
68) [24821] RE: HAM KEY & BROWN BROTHERS PADDLES
by Brad Bradfield <b_bradfield@yahoo.com>
69) [24822] Daiwa P/S Schematic
by "Barnaby J.O'Leary" <barnaby@ap.net>
70) [24823] Re: FOX: K1MG
by Tim Pettibone <tpettibo@NMSU.Edu>
71) [24824] FOX: Thursday Fox Notice de WA8GHZ
by JFD WA8GHZ <jdougher@wt.net>
72) [24825] Re: QRP Rigs
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
73) [24826] Re: TFE / Parts (mea culpa)
by James Skalski <jskalski@buffnet.net>
74) [24827] Re: W9GR dsp kit available
by Michael Maiorana <mikemo@ibm.net>
75) [24828] Re: Audio Phase shifter number of poles, adjustments and filtering
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
76) [24829] Emtech ZM-2 ATU
by =?UNKNOWN?Q?Vicen=E7_Ll=E0rio?= <vllario@eic.ictnet.es>
77) [24830] QRP MILES PER PEDAL POWER Award and Bicycle Mobile Hams
by Sam Billingsley <SBillingsley@usaninc.com>
78) [24831] free CRT
by James Skalski <jskalski@buffnet.net>
79) [24832] Re: 300 Ohm Ladder Line-- More!
by applitech@mcg.net (Claton Cadmus)
80) [24833] Portland: Cascade QRP Club Meeting
by "Michael Fletcher" <kl7ixi@mailcity.com>
81) [24834] SS NOUR, Why
by "Lageson's" <LAGESON@worldnet.att.net>
82) [24835] N4BP QRP SS Stations Worked
by Bob Patten <n4bp@bc.seflin.org>
83) [24836] N. Cal. QRP events?
by Tom Cooper <cooper@gmpvt.com>
84) [24837] Icom 706 to computer
by "KE6VHM Frank" <ke6vhm@earthlink.net>
85) [24838] Re: Computer for logging?
by "KE6VHM Frank" <ke6vhm@earthlink.net>
86) [24839] FOX: Team scores (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
87) [24840] Re: SS - The Last Word
by "Michael A. Gipe" <mgipe@reliablemeters.com>
88) [24841] Semi-rigid coax/ Radiokit adventure/Tuning Forks
by Ed Loranger <we6w@qsl.net>
89) [24842] Re: SS - The Last Word
by "David Ek" <ekdave@earthlink.net>
90) [24843] Leonids--6m or 2m QRP
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
91) [24844] Re: Semi-rigid coax/ Radiokit adventure/Tuning Forks

- by Paul Harden <pharden@aoc.nrao.edu>
92) [24845] Novel Contest Exchanges
by "James R. Duffey" <ji3m@maxwell.com>
93) [24846] Re: TFE / Parts
by wb8ygg@juno.com
94) [24847] Re: Semi-rigid coax/ Radiokit adventure/Tuning Forks
by Ed Loranger <we6w@qsl.net>
95) [24848] Fox: K1MG log coming soon
by "Michael A. Gipe" <mgipe@reliablemeters.com>

Date: Tue, 10 Nov 1998 16:59:16 MST
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [24754] 10K 10-Turn Potentiometers -- That's All Folks!
Message-ID: <19981110235916.18395.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi Everyone,

Just want to let everyone know that the 10-turn pots are all gone! I even ordered an additional 20 at the group price to handle the last minute requests, and even all of those are claimed!!

If you've contacted me about them and I've replied that you've got one (or however many you asked for) reserved, then you do indeed have them reserved. However, I cannot take any more requests -- they're just all gone.

That said, if November 21 rolls around and there are still some unclaimed (i.e. I haven't received payment), I'll post a note then as to what is available.

It's been an incredible experience -- thanks to everyone for your patience, your appreciation, and your pats on the back.

72,
Jerry
W0MC

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 10 Nov 1998 18:57:35 -0500
From: "Ronald Hands" <rhands@hwcen.org>
To: <qrp-1@lehigh.edu>
Subject: [24755] Computer for logging?
Message-ID: <199811102356.SAA29141@hwcen.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All this talk about using a computer to log the SS contest has caught my interest.

But what computer? I've been thinking of trying to find an older laptop -- perhaps even a 386 -- that might serve, but it would have to be relatively RF-immune and not generate any hash itself. And, given my advanced age, I'd like something with a bright, readable screen, although not necessarily a color screen. (I used to work at a newspaper that had T-1000s for reporters to carry on assignment; I could never tell from the screen whether the damn things were turned on.)

Do any of you have suggestions about laptop models that have proved particularly suitable for use in the ham shack?

-- Ron VE3SP
Hamilton, Ontario

Date: Tue, 10 Nov 1998 19:28:52 -0500
From: Ed <edn4pk@voyageronline.net>
To: rhands@hwcen.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [24756] Re: Computer for logging?
Message-ID: <3648DA43.5F49A6CA@voyageronline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It is called a PENCIL. My thoughts on SS logging programs. If you need anything other than a pencil to log this contest you are not a TRUE SS contester.

Ed W3NR

Date: Tue, 10 Nov 1998 19:32:41 -0500
From: "Dan Wolfe" <n4roa@mounet.com>
To: "Low Power Amateur Radio" <qrp-1@Lehigh.edu>
Subject: [24757] SS
Message-ID: <199811110032.TAA08857@ns2.mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How-do ye thundering heard of QRP'ers

Looks like most everything has been covered on the SS weekend, so my comments will be short.

QRP'ers were in abundance over the weekend and I managed to snag a new record number. I dupe and log with a pencil so it took me longer to check over the results.

Operating time of 22.5 hours
575 valid contacts
306 A
219 B
50 Q
74 sections
1150 points
85,100 score

Here are the QRP stations I worked which contains a bunch from the list.
Thanks to all for the contact.

K1TR	KG5U	K1EPJ	N3ZZ	KU7Y
VE3SMA	KE0Z	KA3WWJ	W6JTI	KI0II
WZ2T	W1MJ	N2TO	W6IO	N9DD
N9ICQ	K3CR	W2YWC	K8LJQ	VE6SH
W9XE	W8DL	K5WO	W2VT	N9NE
W8RU	WA8RJF	N7IR	KI0KY	N3RN
AJ2U	N4UW	N0AX	NA3V	NQ2RP
W1VT	AC5K	W7YAQ	WB2CWA	W6GL
N0UR	W4PRO	W5VBO	W9RM	VE3ELA
K0RI	K4VFY/M	N6MU	AF9J	W4PJ

Already looking forward to next year with antenna improvements. See you on the bands.

72.....Dan

Date: Wed, 11 Nov 1998 01:00:21 +0000
From: Andy Cunningham <andy@gm0nwi.freemove.co.uk>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [24758] [Fwd: Heathkit Stuff Wanted !!]
Message-ID: <3648E1A5.A040C260@gm0nwi.freemove.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-2
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Original Message -----
Subject: Heathkit Stuff Wanted !!
Date: Mon, 02 Nov 1998 23:55:14 +0000
From: Andy Cunningham <andy@gm0nwi.freemove.co.uk>
Reply-To: andy@gm0nwi.freemove.co.uk
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

HI GUYS !

I am new to the 'net' and to the mailing list so hope this get's to you all out there

I was wondering if anyone on the list 'across the pond' has any info on the 'Qrp Gem's' the Heathkit HW7, 8, and 9 radio's of the 60's, 70's era

I am a new collector of these 'gem's' and have a mint HW7 with matching PSU (HW7a), and I am fortunate enough to own also 2 HW8's one in mint condition and the other in need of some 'TLC', due to my physical handicapp (I have spina bifida and are confined to a wheelchair) I find it hard to get around to find info at all regarding these rigs.

May be some of you out there saw my recent advertisement in an edition of SPRAT the GQRP Club Journal

I would be interested in anything whatsoever regarding these i.e mods, circuits, booksANYTHING!!!

If you have anything of interest for me please e-mail me at the following address andy@gm0nwi.freemove.co.uk
or you may also find me QTHR in any callbook since 1990

72s Andy GM0NWI Long Live QRP !!!

Date: Tue, 10 Nov 1998 20:16:26 -0500
From: "Hugo W. Catta" <hugo@banet.net>
To: Bob Kellogg <ae4ic@nr.infi.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [24759] Re: The 'ol 10m Sierra output problem
Message-ID: <3648E568.75AFFAE8@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Marty and Bob:

I'm sorry for being misleading in my last mail.
When I said that you are around the correct output for 12.6v I meant 2.5W on 80
and 40, 2W on 20 and 1.5 to 1.7 on 15 and so forth
Bob is correct pointing out that less than say 1W on 10 is not normal.

72,
Hugo

Bob Kellogg wrote:

> Marty,
>
> I'd say you have some basic problem with your rig, rather than needing a
> mod. My Sierra was an early model, and it had generally low power output
> on all bands. It did get over a watt on ten meters, though.
>
> If you get over 2.5 watts on 40 meters, then the problem is probably with
> the band modules.
>
> On the higher bands, the modules are very touchy to tune. I would not vary
> too much from the recommended number of turns on the output filter
> inductors, L5 and L6. More power can be squeezed out by modifying these
> inductors, but doing so risks changing the balance of output frequencies.
> In other words, you may get more power, but it may be in the form of a
> parasitic oscillation or a harmonic of the frequency you want. This is
> particularly true of 10M. The windings have been changed several times
> with the refinement of the rig, so I'd be sure that I had the latest info
> from Wilderness Bob. Then, if possible, I'd measure the inductance to be
> sure it was close to the design inductance. The powered cores vary some,
> so this could be source of a problem.

>
> One suggestion: Check the trimmer capacitors on the TRANS and PREMIX
> sections of the module. If any of the four have their screwdriver slots
> parallel to the length of the module, you are at one end or the other of
> their range, and not able to tune properly. On one or two of my modules, I
> added a small parallel capacitor to the board side of the trimmer to
> increase it's capacitance. I also bought smaller value trimmers and
> replaced the stock trimmer capacitors on the higher Frequency modules.
> This made them less touchy to adjust.
>
> I've made most of the power mods to my Sierra and now get at least 4.0
> watts on most bands. I did the above work before making power mods,
> however.
>
> Hope this helps.
>
> CUL,
> Bob Kellogg, AE4IC, Greensboro, NC
> Probably, but not nececelery. -- Benny Hill
>
> -----
> > From: Hugo W. Catta <hugo@banet.net>
> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> > Subject: Re: The 'ol 10m Sierra output problem
> > Date: Monday, November 09, 1998 6:52 PM
> >
> >
> >
> > Marty Watt wrote:
> >
> > > The 10m output on my Sierra is on the order of 150mw. The 15 and 17 m
> > > modules
> > > I can get to 1w (very carefully) and the 20-80 are on the order of the
> > > spec
> > > 1.5-2.7 watts. This is running off of 12.6V (Battery).
> > >
> > > In reviewing the "mod files" out there, there seems to be some debate.
> > All
> > > agree that messing with the toroids in the band module will resolve the
> > > problem. Some indicate taking two turns off of L5 and adding them to
> > > L6.
> > > Others suggest adding two additional turns to L3 and L4. Because most
> > > are
> > > also changing the PA, I'm confused. Too many variables to see if
> > > playing with
> > > the toroids really makes any difference in peaking the TX caps.
> > >
> > > I don't want to change the PA -- so which option is best for me? I

> already
 > > > have a J310 and a ferrite bead on the base of Qwhatever. I'd like to
 > push 15
 > > > and 17 up in the 2W range, and bring 10m along to at least 1W,
 > hopefully
 > > > 1.75W.
 > >
 > > I'd say you are pretty much there in power out for a 12.6vdc PS
 > > Wihtout changing the 2n3553, the only solution is to increase to 18vdc. I
 > made the
 > > NTE342 mod because I mostly use it with batteries. The price to pay is
 > about double the
 > > current in TX but still around 60 to 65% efficiency.
 > >
 > > 72,
 > > Hugo
 > > CX9AAK/W2
 > > www.qsl.net/cx9aak
 > >
 > >
 > > >
 > > >
 > > > Thanks for help!
 > > >
 > > > --
 > > > 72 es 73 de Marty, KM7W
 > > > _____
 > > > Memphis, Tennessee <http://home.earthlink.net/~mwattcpa>
 > > > NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM55
 > > > CODE WARRIOR ? #29 - Mobile CW Operator - "Taking Code on the Road with
 > a Vengeance"

 Date: Tue, 10 Nov 1998 17:23:04 -0800
 From: Vic Rosenthal <rakefet@rakefet.com>
 To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
 Subject: [24760] Unbuilt HW-8 is worth?
 Message-ID: <3648E6F8.DBD0D32E@rakefet.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit
 Content-Transfer-Encoding: 7bit

A friend of mine has an unbuilt HW-8 that he might put up for sale. What do you think would be a fair price?

No, it isn't me, and no, it isn't for sale yet.

Vic, K2VCO
Fresno CA

Date: Tue, 10 Nov 1998 19:34:25 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: rhands@hwc.n.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24761] Re: Computer for logging?
Message-ID: <3648E9A1.A8B5D968@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ronald Hands wrote:

> Do any of you have suggestions about laptop models that have proved
> particularly suitable for use in the ham shack?

Ron, I have a Texas Instruments laptop. Its a 386 but dont remeember
model number. 16 mhz. Old but only band I hear any hash is 10 meters and
that is minimal. And I dont think you hear that when operating on
battery rather than ps.

No rf problems that split cores havent cured.

73 de Dave, N0IT

Date: Tue, 10 Nov 1998 21:05:12 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [24762] Qrp Gumbo? Wire/Rope to go!
Message-ID: <19981110.210721.-201497.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang:

well I did sum lectronic wrk... almost... I made sum stuffs for sstv...
jacks, plugs connected to 1/1 audio xformers... and plugged them into the
qrp+... oh my cajun mama is proud of her son tonite... I made a sstv qso

at 4w back into my home town in louisiana...talked to Chuck.... K5PR...
that also includes the ssb conversation that goes with that type
xmission... yea for me...

I also down loaded a program that let me copy code on my computer... (as
received by my trusty qrp+) with the program's delay in displaying the
letters I could copy the stuffs in me headache first... heee heee....
did hear a little ritty...

big storm coming in tonite so I took down the wire quad and hung a
twenty dipole up... with the gain side toward louisiana :-)) sure works
bettern that isotope ant....and I still have the half square on forty
meters... anybody wantin a ssb or sstv or cw qso with maine????? can do
that by strait key, iambic, mike or computer... wow what a rainbow dis
hams radio is, an't it....

The bands have been really squirrely up heah... Oh, I put sum meaux
splices in the twinlead to the ant... needed to make it longer... the
twinlead not the antenna... :) That dipole is kinda high in dem trees
yea...

I need to get another sound board for me computtiner so the sstv
programs will wrk betterer and maybe I can find some good rtty
programs...

Just remember what me cajun papa always told me... Son, he said, if u
wanna be herd u gotta have an antenna and if u wanna be heard louder u
gonna need a better antenna or meaux power, the choice is urs son... Oh I
loved my papa... he used to string wires to the tops of the marker boueys
in southwest pass (where vermillion bay meets the gulf of mexico) and
make one heck of a long wire....ant...

We used to watch the lightning vaporize the wire when the thunderstorms
came in at nite during the summer... oh I loved my papa... when I used to
ask him "

how much power do I knead papa?" heed say... how goods ur ant son....
better up the power then.... I had such a sharp papa... and could he cook
some gumbo... right on top of the plate xformer when we used the
amplifier to keep the place warm during the winter... the filaments gave
lots of light for reading too....

Guess we was doing back then what most folks are doing now... making the
best of what we got... and having fun doing it.... I loved my papa
joel wa5cvm in maine, stretching the four whatts as fah as I can..

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Nov 1998 19:09:53 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [24763] fox: sometimes it's too easy?

Message-ID: <199811110207.TAA06421@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Just worked Mike, first in I think. Real good signal into C0 so should be a piece of cake, and the band sounds pretty good here. I was waiting for him, and was reminded of something I had forgotten to mention in my own fox report for last Thursday. I had been sitting on 7.048 for awhile and then about 15 seconds before the gun, in accordance with my usual procedure and good operating practice, asked QRL? Instantly FOUR stations said YES, which sort of told me I was ok but it did make me stop and think for a second!

Good luck, Mike, hope you bag them all!

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Tue, 10 Nov 1998 19:55:25 -0500
From: W5TB <w5tb@SoftHome.net>
To: k7gt@qsl.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24764] Re: QRO response to QRP contesters (long)
Message-ID: <v0401170ab26e90ea478e@[10.4.13.99]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:04 AM -0800 11/10/98, Grant Taylor wrote:

>I received the following (long) note back from W6NL in reply to my
>post to NCCC about the apparent anti-QRP sentiment being expressed
>in post-SS postings there.

>I received the following (long) note back from W6NL in reply to my
>post to NCCC about the apparent anti-QRP sentiment being expressed
>in post-SS postings there.

tnx, Grant -- very useful info. Glad I only filled what was asked for ;-)

Gang, This could become the basis of a QRP Contesting FAQ! If anyone has any other tips for qrp contest operators please send 'em to me and I'll put together a draft FAQ and get back to the group.

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Tue, 10 Nov 1998 20:20:13 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@lehigh.edu
Subject: [24765] Re: fox: sometimes it's too easy?
Message-ID: <199811110220.UAA27543@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yep that was easy. Got him at 0209Z. He is working them really fast.

Go get them. Have fun.

73,

KB0PTE

Wayne

FISTS # 4907

QRP-L # 1058

Date: Tue, 10 Nov 1998 19:35:12 -0700
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [24766] FOX: Happy dance in C0
Message-ID: <000701be0d1c\$2d95f400\$7ec5fed0@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got the furry one only 12 minutes into the hunt--best ever for me! Mike's got a fine signal into C0 this evening--easy 579, sometimes up to 599. 40 seems in good shape this evening.

Only a week until my turn at bat. These pileups are awesome! It just about scares the socks off me thinking about being on the receiving end of these pileups. Never been there before. Hope I don't embarrass myself too badly...

72 de Dave AB0G0

Date: Tue, 10 Nov 1998 17:49:57 -0700
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [24767] Re: N3FJP SS Logging Program
Message-ID: <000501be0d1c\$2b7536e0\$7ec5fed0@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I used this one, too. I had absolutely no problems with it. Like it a lot. the display of sections gotten/not gotten is really nice, as is the prompt for what to send for your end of the exchange. Shows your running tally on Q's and sections and total score. Does a nice job of dupe checking--didn't get a "QS0 B4" once during the SS. It logged 202 Q's for me, no problem.

72 de Dave AB0G0

Date: Tue, 10 Nov 1998 19:53:24 -0700
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [24768] Re: SS - The Last Word
Message-ID: <000601be0d1e\$e9d23500\$66c5fed0@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Remember, please SEND IN THOSE SS LOGS! If we expect the various
> organizations to "give us QRPers" more respect (sorry Mr. Dangerfield),
> we need to let them know about our activities.

> There has been more than one QRP-L operator that have actually
>WON their division just by sending in their log with only a few
>hours of operation!

How true! A couple of weeks ago I got a big envelope in the mail from the ARRL. Inside was an "International Contest Award": I "achieved first place, single operator, 20-meters, phone for the Colorado section in the 1998 ARRL International DX Contest". I achieved this gargantuan feat by working 22 stations in four hours and by dutifully submitting my log. You guessed it--I was the ONLY op in the CO section entered in the 20-m single band category. Haven't decide yet whether I'll frame this one. ;-)

72 de Dave AB0G0

Champion, 20m phone, CO Section, 1998 ARRL International DX Contest =:^o

Date: Tue, 10 Nov 1998 22:22:58 EST
From: kq0i@juno.com (Mark R Milburn)
To: qrp-l@lehigh.edu
Subject: [24769] Re: Computer for logging?
Message-ID: <19981111.032151.5039.0.KQ0I@juno.com>

On Tue, 10 Nov 1998 19:28:52 -0500 Ed <edn4pk@voyageronline.net> writes:
>It is called a PENCIL. My thoughts on SS logging programs. If you need
>anything other than a pencil to log this contest you are not a TRUE SS
>contester.
>Ed W3NR
>

That's the ticket, Ed, start another flame war. Pull out the rules and show 'em how they aren't REAL HAMS anyway if they don't use spark gap.

Sheez ... where do these people come from?

And why do they end up on QRP-L?

72/73, Mark, KQ0I Des Moines, Iowa EN31
Packet: kq0i@w0ak.#cia.ia.usa.na
e-mail: kq0i@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Nov 1998 20:22:41 -0600
From: "Bob Helms" <af5z@inetport.com>
To: "QRP-L Reflector" <qrp-l@lehigh.edu>, "CTDXCC Email Reflector"
<ctdxcc@kkn.net>
Subject: [24770] AF5Z QRP SS CW Results
Message-ID: <199811110335.VAA02402@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greeting to all,

I had a thoroughly good time operating in the ARRL CW Sweepstakes with 5 watts output - QRP class. The band conditions were as good as I've heard in years and the activity was excellent. A calm, rainy, foggy weekend provided quiet receiving conditions even on 40 meters where static often limits QRP results.

I was unable to get ahead on sleep prior to the contest so I only operated 20 hours. I also quit at 11:00 PM local due to an error in converting my UTC clock to local time! This proved to be a significant mistake since my QSO rate late Saturday evening was far greater than anything I could do early Sunday morning.

I used my 20 year old Ten-Tec Omni-D (fully equipped with factory filters) and an external W9GR DSP III in the headset line. A Hy-Gain TH7-DX at 80 ft was fed through a tuner (driven element lengths require adjusting) for 20 through 10 meters. An 80 meter full-wavelength semi-horizontal delta loop fed with 450 ohm ladder line and a second tuner was used on 40 meters and as a omni-directional running antenna on the high bands as well. The SW corner of this wire is above 60 ft, the NE corner is at 32 ft and the NW corner is near 30 ft in height.

Logging was handled with fine Windows based Log Write software by Wayne Wright, W5XD. All CW except requests for fills were sent with the keyboard. I simply find it easier to request fills/repeats with the paddles than to switch the software in/out of entry mode to type in a few CW characters. It seems CW speeds are slowing - - I found it best to CQ at about 28 to 30 WPM and RARELY had anyone call at 35 wpm or more. I did

answer a few (less than 10) CQs at 35 wpm and send my exchange at 38 wpm. Most copied first time with no requests for fills - - Ahh the rush of quality high speed CW operating.

IF YOU SCAN THE REST OF MY MUMBLING - - CONSIDER THIS - - I attempt to MATCH my sending speed to the speed of the answering or calling station within 10% or better. This procedure almost ALWAYS allows me to send the exchange ONLY ONCE. My QSO rate stays much higher this way than simply blazing away at any fixed speed and NOT adjusting the speed of the stations being worked. I think lots of stations only get the exchange by sitting on a freq and listening to it being sent multiple times. When in search & pounce mode, if you send faster than they do you will likely get to repeat it WHICH TAKES FAR LONGER THAN SENDING IT ONCE AT THEIR SPEED!

QRP is FUN! Naturally I couldn't work everyone and didn't always get answers on the first call but some common sense certainly kept things moving. I learned to avoid calling weak stations and got almost NO ANSWERS from anyone with a reverb/echo sound to their signal caused by multipath or them being in my skip zone. Generally if a station is three S units above my noise level I can work them with 5 watts QRP. I had several short bursts above 80 QSOs per hour and was able to hold a frequency on the mid to high ends of 10 and 15 meters. I was thoroughly pleased to work KL7Y on 40 meters amidst a generous pileup of A and B power stations! I had several requests for number/precedence repeats followed by some comment about my signal or QSO count for a Q power station. Naturally I couldn't match the better A and B power stations QSO counts after the first few hours but I don't recall working any QRP stations that were ahead of me in QSOs. That certainly motivated me to try harder!

Win, lose or otherwise - I had fun giving up my weekend to be on the radio. It was too wet to be outside working on antennas anyway! No if I can replace this hard chair cushion and get the headset rings from around my ears.

72,

Bob Helms, AF5Z
af5z@inetport.com

ARRL November Sweepstakes

CALL USED AF5Z MODE: CW ARRL SECTION____South Texas_____

SCORING: 1110 QSO points x 77 sections = 85470 claimed score

85470	Claimed Score	555	QSOs	77	Sections
5 W	Power Output	20	Hrs	of	Op

studying code the wrong way with lights, flags and a buzzer in Boy Scouts!

I built a Knight Kit receiver, passed 5 wpm and worked 40 states in 9 months as a novice.

- Through the use of CW for one or more QSOs on five to seven days a week, I learned to recognize letters by sound - NOT counting the dots and dashes and translating them to letters. My speed reached 15 wpm & I passed the general license so I could TALK on the radio.

- The key went into the desk drawer, replaced by the SSB microphone hooked to a then new Heath HW-100 SSB/CW transceiver. After a few months, the key came out to discover the newly earned privilege of a VFO transmitter and 20 and 10 meter DX on the bottom end of the bands.

DXing was easier on CW than SSB and CW traffic nets on two nights a week pushed my speed to 20 wpm and beyond within a year.

- Incentive licensing and the adjustment of the frequency limits VS license class took place. The ARRL became the enemy to some but I took the challenge and progressed through advanced class to extra class so I could work DX on the bottom end of the bands. I took pride in my CW as it was a difficult skill to learn in terms of time. At the ripe age of 18, I successfully copied 25 wpm with a pencil for a minute or more during two hamfest code competitions.

- Gradually over the now 31 years I've been a ham - My operating habits went from disliking CW to now almost totally using CW. After about 5 years, I quit writing or typing anything and learned to just listen and enjoy the code. Voice remains for mobile use and schedules with lifelong friends but CW is the mode I have fun with.

Lets compare some other skills to learning to use code:

* Children require two to four years to read successfully with practice 5 days a week for 9 months a year.

* How many bowlers do you know who can consistently hit 200 per game? I suspect they have hundreds of hours of practice in order to reach that goal.

* Do you know any golfers who can score as close as 15 over par on an average basis? How many YEARS have they been playing.

* Are you bi-lingual? Being able to speak or understand a second language with much vocabulary at all requires well over a hundred hours of study for most people.

I believe most people can reach 13 wpm on code with less time than any of the above activities.

My point is - I believe anyone with THE DESIRE TO LEARN and even average intelligence can learn code. The so-called secret is REGULAR practice over a few months period. Five 15 minute sessions a week is MUCH better than a two hour session once a week. Use any of the popular methods of study - tapes, computer assisted, a receiver or a formal class. But DON'T BELIEVE ANYONE who says they "JUST CAN'T" learn the code. It may be true that some learn easier or faster than others but the biggest variable is THEIR OWN ATTITUDE toward doing it!

Now - About speed. I may bring bad news to some with this opinion.

Speed comes with practice and experience. I've known military trained operators who learn to type perfect CW at 18 wpm after a 6 week course BUT THEY ATTEND CLASS 6 HOURS A DAY FIVE DAYS A WEEK LISTENING TO CW!

Most amateurs I've known will reach 13 wpm within a year if they make one or more code contacts on three or more days per week. If they work on their speed and move to either a keyer or bug they usually can

reach

20 wpm within a second year. Participation in contests, traffic nets or

increased practice will shorten these times significantly.

Inactive

periods of more than a week anywhere in the process will cause a setback

in speed progress.

CODE SPEEDS IN CONTESTS -

Logically, if I am to score well in a contest I should send as fast as

the receiving station can copy at all times! My general or higher class

code operators will copy a callsign in a repeated CQ at 25 to 30 wpm.

The receiving operator may only get one letter at a time for each time

the call is sent but after a few (less than 5 to 10) times he will know

who is calling CQ.

The answering operator should CAREFULLY send NOT FASTER than he can copy

the FULL EXCHANGE. For example, if I am running 28 wpm and you can't

copy an exchange faster than 22 wpm - - Call NO FASTER than 22 wpm.

If the CQing operator is to score successfully, he must respond at or near

to the answering stations speed. Take the example that the CQer slows to

22 wpm to make the contact with the slower answering station - - No

repeats will likely be required and the CQer resumes at whatever speed he

chooses.

If the CQing operator leaves his speed at 28 wpm after an answer at 22 wpm

- At best he will have to repeat part of his exchange. Often the full

exchange may be sent even MORE THAN ONCE. By simple arithmetic, you can

send something once at 22 wpm MUCH QUICKER (less elapsed time) than you

can send the same thing even twice at 28 wpm. This will be true

even if
the answering station sends at HALF THE SPEED of the CQing station!

High scoring stations will make every contact possible by adjusting their speed as necessary. This is difficult to do with a bug however usually letter and word spacing is exaggerated to in effect slow their sending down. A hand key is rarely a problem unless the receiving station can't receive over 18 to 20 wpm. With either a keyer, keyboard or computer software - speed adjustments are easy to make. It is difficult to make a radical jump in speed without errors with keyer paddles but if a memory keyer is in use - just turn the knob!

Serious testers use logging software to send with and copy in their head. Good software lets you set the various speeds available in whatever size steps the operator chooses. I set my Log Write (by Wayne Wright, W5XD) speed choices in two or three wpm steps from 15 to 40 wpm. The speed changes are instant and can be stepped through the range with single keystrokes.

I have nothing against the voice modes or those that use them - I simply get more enjoyment from operating CW as strange as it sounds. Some argue that contests are pointless waste of time and spectrum but I find them good code practice!

The above opinion is offered not in argument or attack of anyone but as an effort to help others understand the enjoyment possible through code operating.

72,
Bob Helms, AF5Z FISTS 2035 CFO 508 QCWA 26673 RUFZ/PILEUP
af5z@inetport.com NORCAL QRP ARCI NE QRP > 52 WPM

Date: Tue, 10 Nov 1998 20:52:25 -0700
From: Vince Kumagai <sonofullr@idcomm.com>
To: qrp-1@Lehigh.EDU
Subject: [24772] Re: K1MG Fox - Great sigs in Co
Message-ID: <364909F9.BAB79C60@idcomm.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike and fellow Hounds,

Great sigs into the Mile High City. Very good at the start- 589 . Your shift up the couple of Kz really came crashing in 599 over the floor. TNX for QSO.

73,
Vince Kumagai
KB0YTK

Date: Tue, 10 Nov 1998 20:58:13 -0700
From: Dick Schneider <rschneid@ix.netcom.com>
To: N1FN <mgemm@ntechnologies.com>, qrp-1 <qrp-1@Lehigh.EDU>
Subject: [24773] re K1MG hiding out in CA
Message-ID: <36490B55.DB7DE5A4@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got him on a break @ 0340Z.

72 Dick AB0CD..

Date: Tue, 10 Nov 1998 23:13:12 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-1@Lehigh.EDU>

Subject: [24774] FOX: K1MG
Message-ID: <36490ED7.65B0BC75@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Finally got that elusive critter, Mike, K1MG, in the bag as a 449 at 0319 after he QSYed up to 7.038.50. Tiny target tonite cuz rough copy here in Fl. after 0300. He was 569 earlier when the Texans, Okies, etc., were overwhelming my 5 watts w/G5RV signal, but he dropped down and then came back up to 559/569 after 0330. Maybe he turned his yagi?? Interesting that I bagged him when his signal was down (relatively speaking) here in SW Fl. He must have been hearing the HOUNDS well cuz he asked for VERY few repeats. I'm pretty sure I heard an "uniformed interloper" in reply to Mike's "What's your power?" answer with "100 watts" ...hi...hi. It's amazing how many of the unwashed don't know (or don't care?) that the FOXHUNT was on the air. Many, many, many QSOs going on all around the FOX. Fine Job, Mike. I expect you'll post a FB LOG notwithstanding the far less than ideal conditions tonite. 73 to all, Tom, N1TP: Nitrox diver and collector of things "Jiminy Cricket."

Date: Tue, 10 Nov 1998 23:25:09 EST
From: Zenith9zn@aol.com
To: qrp-l@Lehigh.EDU
Subject: [24775] Looking For Cheap Ant Tuner
Message-ID: <bdecc032.364911a5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone know about those antenna tuner kits that Dan's Small Parts sell? Are they any good? Does anyone out there have a tuner they want to part with? I put up another dipole in the attic and SWR still high. Want to get a tuner and stop climbing in attic. Any help is appreciated. 73's John KB4UTV Gilbert, Az.

Date: Tue, 10 Nov 1998 23:30:23 +0000
From: "Brandon Brinkley" <ac4ou@mail3.wilmington.net>
To: qrp-l@lehigh.edu
Subject: [24776] 300 ohm antennas? any designs?

Message-ID: <199811110429.XAA17942@mail3.wilmington.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hello all:

I am looking for designs to be made out of 300 ohm ladder line used for TV. I know there was one for 2 meters and maybe 440.

Thanks and 72/73,

Brandon Brinkley AC40U
brandon@wilmington.net
ac4ou@wilmington.net

Date: Tue, 10 Nov 1998 23:47:44
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [24777] Re: Computer for logging?
Message-ID: <3.0.3.16.19981110234744.2197a75e@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Around here we use chain saws and skidders to log!

(sorry, couldn't resist :-)

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 11 Nov 1998 04:38:23 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24778] Re: The 'ol 10m Sierra output problem
Message-ID: <364e14b2.52594225@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I tested my Sierra again, with a 13.8V supply. I have a DMM, but no RF = probe.

I did manage to locate my 'ol Heathkit VTVM with RF Probe. Not sure if = the readings are significant, so I also had my WM-2 online. The calculated = power is based on the formula in the manual.

Band	-VDC Output @13.8VDCInput	Calculated Power Out	WM-2 Power Out
80M	11.8	2.8W	3.0W
40M	11.3	2.55W	2.8W
30M	9.75	1.9W	2.2W
20M	8.4	1.4W	1.9W
17M	5.5	0.6W	1.0W
15M	5.9	0.7W	1.1W
10M	0.0		150mW

I did play with the 10m module for a while. It was touchy to get it up = to 150mW!

I've dropped a note to qrpbob@datatamers.com with the above info, to get = the "latest" composition of the higher band modules.

None of the trimmer caps are near the extremes. All are pretty much = vertical at this point. Based on the manual I have, everything is standard = (including the toroid cores -- yellow, T37-2). I tried compromising and removing 1 = turn from L5. The C1/C2 peaked nicely, C64/C66 peaked well, but zero output. = I did find a long cap lead, and may have damaged the cap trying to reinsert= it. It is C32 I think. Should be a cinch to replace.

I don't have inductance measuring capability (big sigh). My goal in life= is to own an inductance/capacitance measurement and a 30+ MHz dual trace = O-scope.

Come to think of it, look for a FS/FT post with the VTVM with RF Probe, a freq. counter, and a 5 MHz RS scope!

Your continued assistance is deeply appreciated.

--

72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =

<http://home.earthlink.net/~mwattcpa>

ARRL VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- =
Grid EM55ce

CODE WARRIOR ? #29 - Mobile CW Operator - "Taking Code on the Road with a=
Vengeance"

Date: Tue, 10 Nov 1998 21:09:34 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [24779] Re: Computer for logging?
Message-ID: <Pine.SOL.3.96.981110210710.28504F-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Nov 1998, Ed wrote:

> It is called a PENCIL. My thoughts on SS logging programs. If you need
> anything other than a pencil to log this contest you are not a TRUE SS
> contester.

Hi Ed,

You forgot to mention that it has to be a #2 wooden pencil that
you only sharpen with a pocket Barlow...

Can't be a TRUE SS contester with one of them there fancy
mechanical contraptions!

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 11 Nov 1998 22:16:37 -0700
From: "Robert Armstrong" <barmstrong@sisna.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [24780] SS, contesting , operating events, life, etc.
Message-ID: <01be0dfb\$9fb452e0\$efb4d2d1@barmstrong.sisna.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have recently become seriously addicted to contesting. I have made some discoveries that I'd like to share:

1. Life is more fun and interesting when I am working toward a goal. Contests are fun BECAUSE they challenge me. It's good to know that I can work for YEARS on my operating skills, equipment, and antennas and keep on improving year after year. Scoring also takes luck ... so I might win once in awhile even if I don't have the best gear or skills. The possibilities keep me motivated and interested in my hobby.

2. Scores provide a crude way for me to measure my progress. A score is just a number - it doesn't mean I am a good or a bad person. There is no reason for me to whine if someone sends faster, has a stronger signal, uses computers, has an expensive radio, runs more power, operates two radios at once, has more time available to operate etc.

2. There are MANY, MANY contests - several each weekend. SS is like the Boston Marathon of contesting. If I don't feel comfortable operating SS, WWCQ, NA Sprint etc. I can choose from a list of many other contests that fit my needs and skills. It's exciting to know that as my skills improve there will be bigger contests and greater challenges to take on.

3. Of all amateurs, contesters have the most need to include others. If contesting is exclusive, who will provide the contacts needed to make big scores? To think that QRO, QRQ, big signal etc. operators don't want my participation as a QRP, QRS, weak signal station etc is silly. I need to start and finish with the attitude that I belong, am wanted, and am just as important (but not more important) than anyone else.

4. Every group has a few socially challenged individuals who offend, and some sensitive souls who are easily offended. If I try not to offend and refuse to be offended my life runs smoother, I'm happier, and my blood pressure stays in the normal range.

Thanks for the bandwidth. Others already know what I'm just learning. Ain't ham radio a wonderful hobby??

de N7XJ, Bob in Utah

Date: Tue, 10 Nov 1998 23:28:58 -0600 (CST)
From: urolab@ix.netcom.com
To: qrp-1@Lehigh.EDU
Subject: [24781] Re: CW Speeds
Message-ID: <1998111102848441@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> I guess I'm old and behind the times for this dog eat dog world,
> but once upon a time, it was considered only polite to answer at
> the speed the other station was sending. It would seem to make extra good
> sense when one's qrp signal might not be as strong as competing stations.
> But, hey, what do I know.

> WB4DTC, Dave

Date: Wed, 11 Nov 1998 00:57:26 EST
From: Macstein@aol.com
To: qrp-1@Lehigh.edu
Subject: [24782] FOX: Skunked in FL.
Message-ID: <c8fdb087.36492746@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Darn Mike, you must have worked the whole state of Texas! Thanks for such a good job, sorry I missed you. I hate it when this happens.

Your sig was much stronger for me during the first hour and down on 036, but I still was struggling to get the exchanges. The second hour QRN/M QSB and adjacent LOUD (even not so adjacent!) sigs covered the QSY info completely. (That VE station was so loud I couldn't copy his/her call. Same with a W4 --- just plain saturated my rig's front end, and knocked my rear end off the chair! At least THIS time I was on the phones and had the sense not to put my ear up close to the accoustical cannon.) Static climbed and peaked S9 in waves. I finally moved up and found you with 15 mins. to go -- but only sent

my call a few times when I could hear most of the exchanges.... and ended up with no fox ... my first miss -- not counting the the first 4 hunts where I was unable to participate. Sure hope Tom, Fred, Jim and the other FL hunters had better luck!

Can't wait to get into the C-10 project to play with the DSP toys, would have been helpful tonight.

It was fun anyhow! Thanks Mike.

-MAC-
KF4KSM # 704

Date: Wed, 11 Nov 1998 19:28:18 +0900
From: "Jim C" <jimc@msw0.attnet.or.jp>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [24783] QRP Rigs
Message-ID: <000101be0d5e\$009e16c0\$931a4ca5@jim-s-computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

TNX to everyone for the Watt meter Info...
The results are that 99% of you love the WM-2.
so that is the direction that I will go!

This great response of advice made me wonder what type of QRP rig everyone likes. I Have a Ten-Tec 555 that I turn down to 5 watts and a SST 20 that I recently built. I am looking for a new radio kit.
What do you use and why?
(I am still new to Ham and QRP, thank you all for the info)

Jim Crites
7J7ACM
KF6FCV
Misawa Air Base Japan

Date: Wed, 11 Nov 1998 08:00:20 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [24784] Re: Antenna Contest Exchanges: An Invitation (lon

Message-ID: <36494414.A0FE4F4B@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OTOH You could just start throwing out all logs with
nothing but 599/59 RST reports and having too many errors.
There is NO WAY everybody in a contest is 599.

Of course, this won't work for exactly the reason you state.

: -))

In any contest, any part of the exchange that is canned, that is,
does not change form contact to contact is wasted and should be
dropped from the exchange. If everybody is 599, why does anybody
have to send it?

michael N6CHV

ku7y@dri.edu wrote:

>
> Hi Bruce,
>
> Interesting idea but.....
>
> I doubt that it would "fly" in the old, established
> contests because that would throw out all the old
> records!

Date: Wed, 11 Nov 1998 08:20:22 -0500
From: "John Humphrey" <jhumphre@ultra-tech.com>
To: qrp-l@lehigh.edu
Subject: [24785] 11-2-10 Project
Message-ID: <s64948f5.090@ultra-tech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

My local Walmart has about 8 of the Maxon MCB-30's left. Mine cost \$34.96 =
plus \$1.57 tax for a total of \$36.53. If anyone has problems getting a =
rig, I'll be glad to help if I can.

John H. W4IM QRP-L # 1691 =20

Date: Wed, 11 Nov 98 08:55:45 EST
From: jeverhar@cse.l-3com.com
To: qrp-l@lehigh.edu
Subject: [24786] K1MG fox
Message-ID: <9811111355.AA07841@train11.cse.l-3com.com>

Gang,

Foxhunts results typical from the rf black hole (tm) here on the east coast - nada!

Listened from about 0300 to 044Z and heard no signs of fox or hounds. Very few sigs on 40, even the foreign broadcast stuff was atypically weak. However there **was** a fairly strong sig on 7038 whose carrier jumped frequency on almost every dit or dah. He knew it, too 'cuz he apologized to the guy he was in qso with that his vfo had problems. Kind of a FHSS (frequency hopping spread spectrum) effect. Wonder if he got an STA to operate. :-)

Anybody on the east coast other than Tom down in FL manage to work Mike?

72/73,

Joe E., N2CX

----- End Included Message -----

Date: Wed, 11 Nov 1998 07:02:35 -0700
From: Rod Cercone <rlc@frii.com>
To: ac4ou@mail3.wilmington.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24787] Re: 300 ohm antennas? any designs?
Message-ID: <3.0.5.32.19981111070235.00802490@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:30 PM 11/10/98 +0000, Brandon Brinkley wrote:

>Hello all:

>

>I am looking for designs to be made out of 300 ohm ladder line used

>for TV. I know there was one for 2 meters and maybe 440.
>

Hmmmmmm, never heard of 300ohm ladder line, does such a thing exist? Or, did you mean 300ohm twinlead? That said: The ARRL Antenna Books has some designs; The ARRL Handbook may have something and A bit of web surfing will yield more.

What are you looking for: single band, multiband, dipole, vertical, HF/VHF? If you can nail it down a bit more I maybe able to help.

Date: Wed, 11 Nov 1998 07:08:11 -0700
From: Rod Cercone <rlc@frii.com>
To: jimc@msw0.attnet.or.jp, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [24788] Re: QRP Rigs
Message-ID: <3.0.5.32.19981111070811.00805280@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:28 PM 11/11/98 +0900, Jim C wrote:
>What do you use and why?

I use my icom ic-746 cranked down to 5 watts, excellent RCVR section!

Have just ordered an OHR 100A for 20 meters. I posted a note a few days ago about why I chose it. I can forward that to you if you missed it.

>(I am still new to Ham and QRP, thank you all for the info)
>

I'm new at this thing too. Thanks for posting back about the WM-2. I've been looking and wondering about that unit myself.

72/3 K0RWC
Rod Cercone, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Wed, 11 Nov 1998 07:18:03 -0700

From: Rod Cercone <rwcc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24789] small loop antennas
Message-ID: <3.0.5.32.19981111071803.008072e0@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks:

I read the messages [posted here] about the Rockridge(?) Loop. While researching it I discovered the material about "Small Loop" antennas in the ARRL antenna book. This class of antenna is appealing to me for my limited space conditions.

So my question is: Does anybody have significant experience with this class of antenna? Maybe have done some A/B comparison, "Small-Loop vs Dipole/Beam/Inverted-V...etc.?"

72/3 K0RWC
Rod Cercone, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Wed, 11 Nov 1998 09:26:59 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [24790] Centennial 40 meter kit building "faux pas"
Message-ID: <36499EB3.74E416A9@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I thought I would share my latest kitbrew experience with the group. Back in the early summer I bought a Centennial 40 meter SSB kit from Dan's Small Parts. It was on sale ;-) Anyway, I built up the radio in sections like the elmer101 project. I didn't follow the kit directions "stuff and pray" method.

All was well. I built the receiver first and works OK. Then started on the transmitter, section by section, all was well. Then came the moment of truth, installing the power output transistor (the last thing I do with all my kits). I keyed the transmitter with a signal generator on the input and man, what a nasty mess. I only had about 3 volts p-p at 7

Mhz. All distorted and nasty. DARN IT!

So I start troubleshooting, checking, looking, probing. No luck, everything looks good. It's late and I'm bleary eyed so I decide to turn in for the night in defeat. I reach up to turn off the power supply and realize that I had the current limit almost all the way down! It was cutting out at 100mA. Oops! I cranked up the current limit, hit the key and just like magic, a nice 3 watt signal. Duh!

By the way, this was not an easy kit to build. There were a bunch of mistakes in the manual and in the schematic. The VFO needed a lot of tweaking. It was, however, very fun to build. It forced me to really think about what I was doing and what was going on with the circuit. It should be a real collectors item too, as only 6 kits were sold and now they are discontinued ;-)

See ya on 40 meters ssb qrp!

--

72 de ku4qo

Mike Maiorana

Palm Harbor, FL

Date: Wed, 11 Nov 1998 09:45:04 -0500

From: Michael Maiorana <mikemo@ibm.net>

To: qrp1 <qrp-1@Lehigh.EDU>

Subject: [24791] W9GR dsp kit available

Message-ID: <3649A2F0.143E303C@ibm.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

George Hernon and I have a small group of people together who are building up a W9GR DSP-1. We are first building up the pc board as per the Sept. 1992 QST article. Then we will be adding a "development system" type interface to it for experimenting with DSP programming.

One of our participants had to back out of the project due to some personal commitments, so one PC board and parts kit is available. The circuit board cost is \$15, and the parts kit is being finalized as we speak, with a projected cost of about \$35.

Neil Skousen has also set up a separate mailing list for our group to make it easier for us to communicate.

If you are interested in joining our little group, please drop me an

email. There is only room for one more so I'll take the first response I get. I wish we could take more but only 15 boards were available.

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Wed, 11 Nov 1998 09:59:35 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-l@Lehigh.EDU
Subject: [24792] BY0 XCVR/ CD4067 ?
Message-ID: <Pine.LNX.4.03.9811110921110.770-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am building the Intelligent transceiver project. I am thinking about making changes. The idea of using four push buttons to control all the functions bugged me. I have some miniature push buttons harvested from a defunct VCR and thought that they could be put to use. To connect wires to each would be a bother so I thought I could come up with another approach. Unfortunately I don't really know what I am doing. (that never stopped me before :-)

The original four buttons:

0 = mem-up
1= mem-down
2= tuning rate
3= simplex

New scheme with a multiplexer/demultiplexer ic CD4067

chords: 0 m-up (1) 0001
1 m-dn (2) 0010
2 rate (4) 0100
3 simp (8) 1000 0:mup,USB,XIT,AM
01 USB (7) 0011 1:mdwn,USB,LSB,RIT
12 LSB (6) 0110 2:rate,LSB,CW,XIT
23 CW (12) 1100 3:Simp,CW,RIT,AM
02 XIT (5) 0101
13 RIT (10) 1010
03 AM (9) 1001

The OR Gate configuration to switches 0,1,2,3 as follows:

AM 0,3
RIT 1,3
XIT 0,2
CW 2,3
LSB 1,2
USB 0,1
SimpX 3
rate 2
mdown 1
mup 0

The question is ..to make the CD-4067 work as a 16x4 Mux does pin 1 (Y) have to be grounded?

The idea is to have similar functions clustered on the front panel.

ie SSB,LSB,CW,AM m-up, mdown,rate RIT,XIT,Simplex

Also it would be more convenient to press one button for each function instead of pairs of buttons.

Having ten switches and the Cd-4067 pc mounted with four wires coming from the pcb would be better than all of the wire connections needed for separate switches. Not to mention the fact that I could use those cheap switches from the VCR :-) That are already mounted on a pcb.

73,

Jim (N2GO)

Date: Wed, 11 Nov 98 09:16:12 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [24793] 300 Ohm Ladder Line
Message-ID: <199811111515.KAA181154@nss4.cc.Lehigh.EDU>

Gang,

The question came up and let me answer it.

YES. 300 ohm ladder line does exist

1. I use it all the time
2. It is low loss
3. It doesn't cost an arm and a leg
4. It is much easier to route around the property
then 450 ohm ladder line that has the solid wire

I get mine from TX Towers north of me in Plano.
They advertise in QST etc. and they are local to me
and I hope we all support our local people. Yes, it
may cost a little more than mail order or off the web,
but they need the business and we need them. And
for someone like TX towers they stay in business
since a lot of the locals support them. And they give
us all the same good deal.

Antenna is an OCF dipole fed at a point that is
approximately 30M on the 'hot' side and 10M on
the 'gnd' side. Fed as a random wire on the MFJ-941C.
Probably 10M of ladder line to feed it and it's only
9M from the ground, so not up high. But it works
for me at 950mW. Cheap as you can get and all
the room I have for an antenna right now.

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Wed, 11 Nov 1998 10:05:59 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-l@Lehigh.EDU
Subject: [24794] battery op with 6 and 12vdc?
Message-ID: <Pine.LNX.4.03.9811110959550.770-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am trying to resurrect a project that runs off of 6vdc. It is a SSB
transceiver. I will also need to supply a linear amp to get a couple of
watts out. A VFO/L.0 needs to be built also.

Since I don't know how to modify existing circuits to run off of 6vdc
instead of 12 (those circuits being for the amp and VFO); what is the
best/most efficient way of running the xcvr (it requires 6vdc@500 Ma)
off of the 12vdc source. I wouldn't want my battery power to be wasted
being in the qrp spirit and all.

Jim (N2GO)

Date: Wed, 11 Nov 1998 10:19:50 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-l@Lehigh.EDU
Subject: [24795] BYO XCVR AMP ?
Message-ID: <Pine.LNX.4.03.9811111006120.770-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It seems that there are always more questions than answers....

While building the intelligent transceiver project ; I thought that it may be a good idea to separate the final amp from the driver. Two reasons being : lower current drain

I have a pcb for an amp project from 1995 ARRL handbook that uses the same final transistors. I also have most of the parts acquired in a trade. This amp has other onboard features such as current foldback in mismatch or overdrive , on board wattmeter/swr.

On the original BYO circuit the driver (MRF-479) output was to a FB43-6301 ferrite core which then outputed to a pair of MRF-477. Does it make sense that this would be the point at which to separate the driver from the amp? The transistors are kinda pricey and I would like to get advice :-)

73,

Jim (N2GO)

Date: Wed, 11 Nov 1998 08:45:18 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@lehigh.edu
Subject: [24796] FS: Ten Tec Argosy 525 w/ p/s & digital dial
Message-ID: <19981111.084528.12390.0.nilsbull@juno.com>

Gang,

It is the season to be selling stuff! The following item is up for the first person to call or email me directly.

Ten Tec Argosy 525 with power supply & digital dial.

PRICE: \$350 (shipped CONUS in 2 boxes)

What you get: QRP/QR0p SSB/CW transceiver

covers 80/75, 40, 30, 20, 15 & 10 meters
switch between 5 w (often more) & 50 w

(controlled by ALC)

>> ALL DOCUMENTATION! (even the mods)
>> matching power supply (Model 225)
>> AF CW filter (Model 224)
>> IF CW filter (Model 217)
>> Noise Blanker (Model 223A)(works great!)
>> Ten Tec hand mic (Model 1206 [kitted &

built]) (works great)

Extras: PTO rebuild kit (not installed)

extra bandpass/osc-mixer board coils for
10/15/30 circuitry

MODIFICATIONS: (all of which work!)

K1MG LCD Counter (in place of mechanical dial)
>> accuracy +/- 200 Hz displays carrier

frequency

>> uses "calibrator" switch button for MHz

readout

>> no cobbled damage to front panel with

installation

>> all documentation & TWO EXTRA LCD panels
>> wired for clock function (cables at back

panel)

>> small notch cut in top cover to accomodate

display unit

(not visible)

Rear panel i/o connections replaced by

individual jacks

>> external speaker (mini phone) disabled w/

headphones

>> key (mini phone)
>> extra 12 VDC (RCA)
>> one unused hole

All small knobs replaced with black anodized

aluminum

knobs w/ allen setscrews

>> VFO knob & skirt unmodified

>> band switch & function knobs are "Drake"

square knobs

Shielding added between bottom-mounted boards
>> between osc/mixer bd & bandpass filter bd
>> copper foil tape on AF CW filter bd cables
Sidetone oscillator modified from TT saw tooth
wave to
twin-T oscillator (nearly sine wave)
>> output controlled through standard hole in
top panel
(Ten Tec standard design for this radio)
>> frequency controlled on inside
(Top cover must be removed)
Bottom case has four holes for home-brew mobile
mount
(not visible from standard operating
position)
Yes, the radio has been run mobile on 40 & 10m
with
good reports.

COSMETICS: Well, you know me. I'd say it's in good shape. Some nicks & scratches on power supply and radio metal covers. The usual wear on the front panel surfaces where fingers fiddle the most.

OVERALL: I like this radio. It's been fun to run & use in the upstairs bedroom station (now being deconstructed). If I didn't have other toys pestering me from the horizon, I'd keep it. But I'm also trying to pare down the extensive list of stuff that I don't use or bought at one time or other on a whim.

Call me at (937) 849-0113
Email me direct at nilsbull@juno.com

One operator standing by.

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 11 Nov 1998 07:46:13 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: MichaelN@cycat.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [24797] Re: Antenna Contest Exchanges: An Invitation (lon
Message-ID: <3649B145.5B368F15@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Michael Neverdosky wrote:

>
> In any contest, any part of the exchange that is canned, that is,
> does not change form contact to contact is wasted and should be
> dropped from the exchange. If everybody is 599, why does anybody
> have to send it?

A contester pointed out to me that sometimes the redundant information is useful as a 'start bit' For example, in the CQ WW DX test the number sent is RSTnnnn where nnnn is the serial number. Your mind gets ready to copy the 40 wpm number when it hears "5NN"

Vic, K2VCO
Fresno CA

Date: Wed, 11 Nov 1998 10:53:07 EST
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [24798] AR-QRP 40 m Net Wednesday Night
Message-ID: <315c0cbc.3649b2e3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0130Z at 7.052 mhz. Bob, AB5ZD is NCS and will be calling QST AR QRP NET de AB5ZD PSE QNI. At that time, please send your full call, and when I hear you, I will return your call and AS (stand by) while more call in. When I have the list, I will start at the top and go down the list for reports and comments. If you are trying a new rig or antenna, tell us about it! This is lots of fun, and you don't need to be a

member to check in.

72,

Bob AB5ZD

Date: Wed, 11 Nov 1998 07:57:46 PST
From: "Greg Breeden" <al0a@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [24799] Re: 300 Ohm Ladder Line
Message-ID: <19981111155750.19615.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain

Chuck and Gang:

Thanks for the post on 300 Ohm Ladder line. Also use it and have for years. I get mine from the Wire Man.

I found it worked super with a Horizontal Square loop for 75 meters @ 45 feet. I had this antenna at another QTH. I fed the loop with coax then with 450 ohm line. When I changed to 300 ohm line it presented a convenient match to a Transciever. It had to be connected through the 4/1 balun in my tuner but its SWR was the best at all HF bands than any other Antenna/Feed line arrangment I have ever seen. So, it has its uses. I only wish I still had 4 trees placed in the right place! I now have a 75 meter dipole which I feed with 300 ohm.

One question though, are the losses of 300 ohm on a par or better/worse than 450? I have always wondered.

Greg Breeden, AL0A
West Baden, IN 47469

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 11 Nov 1998 10:00:15 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [24800] FOX: Teams lineup (fwd)

Message-ID: <Pine.LNX.3.95.981111095527.12151A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

NEW LISTING - N8VZU is now N8IE - Dan's trying to sneak through the "mess" with a shorter call....hey whatever it takes eh Dan?....congratulations on your new call!

- | | |
|---|--|
| (1) - the Vibro-Fox Finders - <ul style="list-style-type: none">- Ed - WE6W- Bill - N7MFB- Ron - KU7Y- Tom - WB5QYT- Vic - K2VCO | (2) - the Fox Nabbers - <ul style="list-style-type: none">- Doc - K0EVZ- Dave - W0CH - Leader- Tim - W5FN |
| (3) - the Northern Lights - <ul style="list-style-type: none">- Paul - VE7CQK- Jeff - VA3JFF- Earl - VE6EWM- Fred - VE3FAL- Bruce - VE5RC- Jim - VE2KN | (4) - the Kentucky Porch Houndz - <ul style="list-style-type: none">- Rich - KA8OKH- Dave - NU4N |
| (5) - the Swords - <ul style="list-style-type: none">- Ron - N8VAR- Rick - WB6JBM/8- Dan - N8IE (ex-N8VZU) | (6) - the Jersey Diddles - <ul style="list-style-type: none">- Joe - N2CX- Tony - W2GUM- Kevin - N2TO- John - N4JS- George - N2APB- Bill - N2WF |
| (7) - the Underdogs - <ul style="list-style-type: none">- Dan - N4ROA- Roy - AB7CE- Ron - KI0II | (8) - the Texas Tarantulas - <ul style="list-style-type: none">- Dave - AB5WX- Bill - K5LN- Tom - N5TW- Henry - W5HNS |
| (9) - the Brass Pounders - <ul style="list-style-type: none">- Ed - AB8DF- Alan - KB7MBI | (10) - the Houston Hounds - <ul style="list-style-type: none">- Bill - K5ZTY- Bill - W5SB- Terry - KQ5U- Dan - KK5LD |
| (11) - the Team Apathy <ul style="list-style-type: none">- Bob - AB7ST- Randy - K7TQ- Joe - AB7TT | |

...as of Sunday October 11...

...72/73 - Bruce (VE5RC+VE5QRP)

QRP-C#1 QRP-L#886 ARCI#9683 "QRP! How sweet it is!"

Date: Wed, 11 Nov 1998 11:00:42 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: jeverhar@cse.l-3com.com
Cc: qrp-l@lehigh.edu
Subject: [24801] Re: K1MG fox
Message-ID: <v03102805b26f54e25e2a@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Joe E., N2CX, wrote;

>Anybody on the east coast other than Tom down in FL manage to work Mike?

I managed to knab him about 0247 here in NC. The pile up was huge and the other hounds who were stomping on Mike when he started a QSO with a hound were irritating. Listen, listen and listen!

I was supriised when he came back to me and couldn't half send my own call from being nervous.

Nice work Mike and thanks for the pelt.

72/73,

Rick kf4ar

Date: Wed, 11 Nov 1998 11:04:58 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [24802] RE: Centennial 40 meter kit building "faux pas"
Message-ID: <21E06269B00ED111BE9B00805F6D0FA34A59F7@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

> Great job and story. I get the biggest kicks from debugging these little
> guys. Bad documentation and bad parts increase the challenge. Those on
> sale items really get you hooked ;-).
>
> I picked up a partially build SCIENCE WOOKSHOP Spectrum Analyzer kit at
> the Atlanta HamFest this last weekend. I had previously bought SCIENCE
> WORKSHOP SA book that describes the kit in great detail and has many
> examples of customer implementations and MODs. Well.... it was in a very
> wet box, who looks for how long (some of the loose parts were rusty), so
> its completion and restoration are going to be a challenge. But the price
> was right(A deal I could not refuse HiHi) and now I have yet another
> project on my list. It's like finding an old car in someone's barn and
> dragging it home for restorable.
>
> BTW I also picked up a boat anchor, a HW-101 xcvr to restore. Years ago I
> didn't build one when I should have and have always regreted it. It will
> be my connection with the past. Of course I'll try to get it to run QRP
> too. ;-)
>
> Sam Billingsley AE4GX Atlanta,GA
>
>
>
> -----Original Message-----
> From: Michael Maiorana [SMTP:mikemo@ibm.net]
> Sent: Wednesday, November 11, 1998 9:27 AM
> To: Low Power Amateur Radio Discussion
> Subject: Centennial 40 meter kit building "faux pas"
> >>> snip >>>
>
> By the way, this was not an easy kit to build. There were a bunch of
> mistakes in the manual and in the schematic. The VFO needed a lot of
> tweaking. It was, however, very fun to build. It forced me to really
> think about what I was doing and what was going on with the circuit.
> It
> should be a real collectors item too, as only 6 kits were sold and
> now
> they are discontinued ;-)
>
> See ya on 40 meters ssb qrp!
> --
> 72 de ku4qo
> Mike Maiorana
> Palm Harbor, FL

Date: Wed, 11 Nov 1998 08:47:33 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'Tom Palmer'" <n1tp@worldnet.att.net>, "bmug@gwl.com" <bmug@gwl.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [24803] RE: Resonant Speaker project and Patents
Message-ID: <01BE0D53.07B80660.bmug@gwl.com>

Thanks for the additional knowledge. I've never tried to self patent anything I just knew that by sealing something the way I said that the Post Office could be assured that no one had opened the package.

de KB0ROL, Brad

-----Original Message-----

From: Tom Palmer [SMTP:n1tp@worldnet.att.net]
Sent: Friday, November 06, 1998 4:27 PM
To: bmug@gwl.com
Cc: Low Power Amateur Radio Discussion
Subject: Re: Resonant Speaker project and Patents

My Dad has been a patent attorney since 1946. He is still practicing patent law. A few years ago he and I were discussing this issue. He informed in in no uncertain terms that mailing a letter to one's self make for good movies, T.V., etc., but it is the equivalent of an "old wife's tale" and is irrelevant as a matter of law to try to prove ownership or possession of an idea, invention, or other "work" at any point in time.

72/73, TOM, N1TP. J.D. G.W. Law, 1969. Member of the "Bar" in Washington, D.C.; Missouri and Florida.

Date: Wed, 11 Nov 1998 08:21:53 -0800
From: Grant Taylor <k7gt@qsl.net>
To: qrp-l@lehigh.edu
Subject: [24804] Correction to QRO viewing QRP in contest
Message-ID: <3649B9A1.4E16@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I received a slight correction from Dave, W6NL, that applies to my post of his email yesterday. It follows:

If you repost the message re op recommendations, would you do me the favor of correcting the following:

Was (in error)	Should be
BG: 54 what? Is it 541?	BG: 54 what? Is it 541?
QRP: No, 589 9 9...	QRP: No, 549 9 9...

A minor nit, but might cause confusion.

Cheers de Dave, W6NL

Of course, the post used SSB contesting as the example, but the whole sequence applies directly to cw. (You ARE using full QSK, aren't you????!!)

--

Grant Taylor K7GT Pleasanton/Livermore CA k7gt@qsl.net

Date: Wed, 11 Nov 1998 10:30:14 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [24805] Help: Need Circuit boards made??
Message-ID: <00c401be0d92\$4db2c3a0\$a10a5e2c@groucho>

I need to have a small quantity of circuit boards made, they're about 3.5"x1". The minimum at the local circuit board shops I've called makes this impossible. I know several of you on the list have had small quantities done. Would you be willing to share your board makers name, address and phone. Thanks.

73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Wed, 11 Nov 1998 08:48:15 -0800

From: Ron <rong@slip.net>
To: qrp-l@lehigh.edu
Subject: [24806] 12V gel cell pricing
Message-ID: <3649BFCF.6A37@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a number of gel cells taken out of service from ups at work.. I have tested them and all charge up nicely and deliver full voltage amd current. I have too many for me to ever use...As a matter of fact, some are quite large...about half the size of a car battery...I know they are each relatively heavy, so I want to know what they are worth and how much shipping would cost. Bottom line....who wants any, and how much will it cost you to have them sent? Also have a number of Gates cells made up into twelve volt units..(six strapped together).

Date: Wed, 11 Nov 1998 08:49:50 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Message posts for QRP-L <qrp-l@lehigh.edu>
Subject: [24807] FS: Terman BOOK
Message-ID: <19981111164950.15733.rocketmail@send205.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good morning QRP'ers everywhere - -

Happy Veteran's Day to all you veterans, and thanks for serving your country! From this USN CPO retired.

I have for sale a copy of the Second Edition (1937) of F.E. Terman's classic book, "Radio Engineering". This remains a good reference book on radio engineering, including transmitters, antennas, and propagation. It's also a good history reference as well. The book is in generally excellent condition for it's age. The hard cover shows over 60 years of minor wear with no seperation, and the pages are all (well, I actually haven't looked at ALL of them) in good condition with none torn or seperated. Somewhat worse wear on the corners of the cover.

I will take \$30 + \$4 shipping (in the US, more to DX locations) or trade for a copy of Laport's Antenna Engineering book, or ???

If I receive no response by Monday, November 16, I'm going to list

this on Ebay.

72's es 73's,

Chief Brad, WB0CGH

==

Brad Bradfield, PE WB0CGH Systems Engineer
Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377

ARS #72

Austin QRP Club #e

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 11 Nov 1998 09:49:06 -0700

From: Larry East <wlhue@amsat.org>

To: qrp-l@lehigh.edu

Subject: [24808] AA1BK -- Are You There??

Message-ID: <3.0.3.32.19981111094906.00910670@axp1>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I need the email address for Steve, AA1BK.

Thanks.

wlhue@amsat.org

Date: Wed, 11 Nov 1998 11:01:01 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>

Subject: [24809] FOX: K1MG

Message-ID: <Pine.LNX.3.95.981111105331.20688A-100000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Mike started out very low here but qsb gradually build his signal up...couldn't stick around for the entire run as had family visiting but did copy a few calls...AF4B, K7TQ, NQ7X, K5OI, VE6NJK, W5SB (vy strong), WJ7H, WW7Y, K5LN, KF4AR, KD7MN, K2VCO, N0KW, K5JHP, KI0KY, N9KW, N7XJW, KF4KI, AI4 ?wishing everyone a peaceful Remembrance Day.

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
"QRP! How sweet it is!"

Date: Wed, 11 Nov 1998 09:02:36 -0800 (PST)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>
To: qrp-l@Lehigh.EDU
Subject: [24810] L.O. Not always starting
Message-ID: <19981111170236.13606.rocketmail@web4.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Folks,

The passing SSB debate spawned me to dust off an old SBE SB-34 that I aquired (but have never used) years back. Thought I'd work it over and try it QRP/mobile. I discovered the output is a bit "rough", so I put some HV caps for the PS on order. What I've noticed though when trying to test the RX section, is that sometimes (like 75% of the time) the RX doesn't work when I turn the rig on. Probing around with the o'scope, I discovered that the L.O. isn't running when that happens. Powering the rig off for a second, then on again will get it to start after a few tries. Once running, it continues to run, as long as I don't cycle the power again.

So my question is, what determines the starting characteristics of a crystal oscillator? Is it just the xtal and circuit 'Q'? Could a xtal cause such an intermittant failure? Might this funky behavior be a result of the rough DC currently coming from the PS? Thanks for your insight.

72/73,
-Dale

=====

Dale Anderson In the Mt Washington Valley
KB0VCC Conway, New Hampshire
QRP-L #91 / CQC #251 Grid Sq: FN43KX
ARS #234 / FISTS #3172 <http://www.qsl.net/kb0vcc>
=====

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 11 Nov 1998 12:05:47 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: grp-1@Lehigh.EDU
Subject: [24811] TFE / Parts
Message-ID: <Pine.LNX.4.03.9811111109340.827-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Someone posted my address in relation to Teflon. That resulted in 10 emails with questions about it. Yes I do have it.

10 rolls x 50feet (500' total) 22AWG silver plated teflon insulated.
In an assortment of colors. \$20 shipped via priority mail CONUS.

Yes this is the same high quality stuff that RF PARTS sells for \$.19/foot plus shipping.

If you need a small section of tfe coax add a \$1 to the above and I will include a 4-5 foot piece of mini tfe coax to substitute for RG/174U
(Yes \$1 not \$9.50 as from RF parts)

I need a ton of parts to complete projects. Unfortunately they are not in the ton of parts that I own :-(Isn't that the way it always is?

If you have any of the following; we could make a generous trade toward some wire or perhaps something else that I have.

I need the following:

Aluminum Box 1590E (7.4"x4.7".3.1")

Meter- radio shack RS-270-1754 0-1mA movement probably labeled 0-15volt
miniature chokes in the following- (10)10uH, 18uH, 33uH, (15)100uH,
(10)1mH

two 48A147mpc coils
one 23A336RPC coil

4- 2N5491
1- 2N5946
1- 51pf unelco cap
2- 1000pf unelco cap
2- 3n211

S.M. caps four each in the following values (200v or higher)
2700,1300,1200,680,560,360,300,270,240,150,100,68

1- MC145158P
1- AD7543
2- MAR-1
20-2N2222A
2- IRF9510

sets of SMA connectors

Hopefully some of my junkie will become some of your junkie and some of
your junkie will become some of my junkie :-)

Jim (N2G0)

-with one of them spark plug callsigns

Date: Wed, 11 Nov 1998 10:10:53 -0700
From: "James R. Duffey" <ji3m@maxwell.com>
To: qrp-l@Lehigh.EDU
Subject: [24812] KK6MC/5 SS Summary, N4BP Propagation Indicator
Message-ID: <v03007802b26f72af3d23@[199.120.49.103]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well I reviewed the logs last night and I made 286 contacts in 66 sections
for a score of 37,752. I spent 16 hours at it, longer than my original
estimate. Now I just need to remember to send the log in. I forgot to do a
search by band, but it seems like most of my contacts were on 40 M and 20 M
with 15 M next.

I used a TS-850 and a DaTong FL-3 audio filter to a 30 M loop fed with

ladder line at about 35 feet. The 850's tuner handles the antenna automatically.

Now Tim, K50I, worked one more section than I did with nearly 80 fewer contacts! I am 200 miles north of him so propagation is similar, so I must be doing something wrong. I probably have a better radio location and my antenna is nearly 3 times as high as Tim's! I think I will buy a case of beer and head to Las Cruces for lessons from the guru. =8^)

Also I found N4BP's signal to be a good propagation indicator. I got on 20 M about sunrise and there was Bob. I couldn't work him, but did work others. A half hour or so later he was gone so I went to 15 M. The band was open and there was Bob. I couldn't work him, but went about my S&P. About a half hour later I finally worked him. It took awhile for the opening to be gracious to my low power signal. An hour or so later Bob was gone so I checked 10 M and there he was. The band was beginning to open, although it never got too good here. So pay attention to the QRO stations. What they are doing can be a good indication of what you should do in an hour or so. By the way Bob, you always have a nice signal here.

James R. Duffey <jr3m@maxwell.com> (505) 764-3143
Maxwell Technologies Inc. http://www.maxwell.com/
2501 Yale Blvd SE Suite 300
Albuquerque, NM 87106-4200

Date: Wed, 11 Nov 1998 09:22:22 -0800 (PST)
From: Jim Knopf <ki7q@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [24813] RIding the Airwaves with Alpha and Zulu
Message-ID: <19981111172222.12575.rocketmail@send102.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Help. I deleted this message and need to get in on the group order. Will some kind samaritan please send me the email address of the person organizing this?

As an aside, I ordered this from Amazon.com and was quoted a price of \$40, since they say the book is out of print.

==

Jim, KI7Q QRP-L#1689

<http://www.halcyon.com/knopf/jim>

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 11 Nov 1998 10:26:04 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Chuck Adams <adams@ticnet.com>, qrp-l@lehigh.edu
Subject: [24814] 300 Ohm Ladder Line-- More!
Message-ID: <199811111723.KAA30195@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi, Chuck es gang--

>>4. It is much easier to route around the property
then 450 ohm ladder line that has the solid wire<<

5. It has a much smaller profile so there's less wind
resistance

6. It weighs less so (with number 5 above) it puts less strain
on the connection, especially unsupported ones.

7. 300 Ohms is a better match for some antennas at some
frequencies. LB-- wanna chart the differences on a dipole
cut for resonance at 7050??

Not sure whether the reasons for using ladder rather than
coax have been mentioned in this thread, but a co-ax dipole
is (with few exceptions) a single band antenna, but feeding it
with ladder line preserves the half-wave dipole
characteristics on the band it's designed for AND adds
multiband capability by turning it into a more generic

"doublet."

300 Ohm ladder line is also available from the Wireman, <http://thewireman.com/wireline.html> and I wrote up the process of replacing a 40M coax fed dipole with a new 300 Ohm ladder line fed one, with pix, in "This Old Dipole" or "Dipole 101," a CQC construction workshop, which you'll find at <http://www.morsex.com/dipole/index.htm>.

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

(303)752-3382

--

Date: Wed, 11 Nov 1998 11:33:08 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: w1hue@amsat.org
Cc: qrp-1@Lehigh.EDU
Subject: [24815] Re: AA1BK -- Are You There??
Message-ID: <199811111737.LAA26793@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Callbook information is at:

http://www.buck.com/cgi-bin/do_hamcall

<http://www.qrz.com/directory.cgi>

Both of these callbooks include email information where available.
(Hams can add their own addresses to these listings if they are not already in the database.)

73 Bryan W8LN

>I need the email address for Steve, AA1BK.

>

>Thanks.

>w1hue@amsat.org

Date: Wed, 11 Nov 1998 09:37:38 -0800
From: "Bill Todd" <bill@willapabay.org>
To: <we6w@qsl.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [24816] Re:Tuning Forks trade and Res. Spkr project.
Message-ID: <00cd01be0d99\$fe877480\$1f4ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Well, I got ZERO takers to trade me a set of tuning
>forks for a 13.8Volt Smart charger/Linear Power
>supply (DC @480 mA).

Ed - Is there a piano tuner in your area? They use tuning forks to tune all
those various piano wires. Perhaps your local piano tuner has an extra
tuning fork they would "fork" over (sorry, couldn't help it).

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Wed, 11 Nov 1998 10:41:00 -0700
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [24817] RE: Win a NorCal 20
Message-ID: <3.0.3.32.19981111104100.009064c0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From a recent post:

>That's right, you can win a NorCal 20 transceiver kit, thanks to Doug
>Hendricks, KI6DS.. who donated this kit ...

What'd he donate -- an empty box? :-)

Wonder if the 20's will actually ship before the end of the year... My

check was cashed over three months ago. Oh well ... hope they are earning good interest on all the money! :-)

(Please address all "hate mail" to w1hue@null.na)

Date: Wed, 11 Nov 1998 11:09:48 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Claton Cadmus <applitech@mcg.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24818] Re: Help: Need Circuit boards made??
Message-ID: <Pine.BSI.3.96.981111110246.2623A-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 11 Nov 1998, Claton Cadmus wrote:

> I need to have a small quantity of circuit boards made, they're about
> 3.5"x1". The minimum at the local circuit board shops I've called makes
> this impossible. I know several of you on the list have had small
> quantities done. Would you be willing to share your board makers name,
> address and phone. Thanks.

Best place I can recommend is:

Circuit Engineering & Development
1312 E. Wieding Rd.
Tucson, AZ

(520) 294-1221

Bob Hayes
Glenn Hamblin

They are a 2-sided ONLY board shop, and very reasonable.

```

      ,-----.\
      /          \
      /  What's all this  \
      / extinct stuff, anyhow? \
      \-----'
    _ | /
   oo\
  ( _ )\
    \   \   .   '   .
    \   \   /   \

```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

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```

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Wed, 11 Nov 1998 18:23:49 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <wlhue@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24819] Re: Win a NorCal 20
Message-ID: <00de01be0da0\$6ea52e00\$a442b3c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I kinda think they used the money to buy kit supplies, don't you?
de Steve, W8SFF

Date: Wed, 11 Nov 1998 10:30:43 -0800
From: "Radman" <radman@best.com>
To: <jskalski@buffnet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24820] Re: TFE / Parts (mea culpa)
Message-ID: <199811111828.KAA09027@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jim,

Mea Culpa :-) I posted your address re: Teflon RG-174,
having ordered your 22 AWG -- nice wire! Question: Can
those of us who need *only* TFE RG-174 order that from

you? Say we needed 20-25 feet. Price?

Thanks in advance,

72 - Conrad Weiss - NN6CW

Someone posted my address in relation to Teflon. That resulted in 10 emails with questions about it. Yes I do have it.

Jim (N2GO)

-with one of them spark plug callsigns

Date: Wed, 11 Nov 1998 10:47:40 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Message posts for QRP-L <qrp-l@lehigh.edu>, rerobins@email.uncc.edu
Subject: [24821] RE: HAM KEY & BROWN BROTHERS PADDLES
Message-ID: <19981111184740.25016.rocketmail@send202.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good afternoon Rick and the group - -

The Ham Key was made by (or at least for) the old Ham Radio Outlet, and was not related to the Brown Brothers operation other than both being in St Louis.

The Ham Key was actually a very cheaply constructed key with no adjustments of the trunnion (cross shaft) at all. Back in the mid-70's, my wife got interested in learning the code, and wanting to get her a straight key, I ordered the Ham Key. I had never seen one until this one arrived, and needless to say, I was quite unhappy with the construction, being used to the Brown Brothers style. So I called the Ham Radio Outlet, got my money back, and bought the Brown Brothers straight key that I should have ordered in the first place. Well, to make a long story short, divorced the wife, and got the Brown Brother's in the divorce settlement. Oh, well.

I should clarify that the Ham Key is a very useable key, and if anyone gets a chance to buy one at a decent price, go ahead. I wouldn't give more than \$25 dollars or so for one though.

Oh, well.

72's es 73's,

Brad, WB0CGH

==

Brad Bradfield, PE WB0CGH Systems Engineer
Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377

ARS #72

Austin QRP Club #e

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 12 Nov 1998 11:50:08 -0800
From: "Barnaby J.O'Leary" <barnaby@ap.net>
To: QRP-L@LEHIGH.EDU
Subject: [24822] Daiwa P/S Schematic
Message-ID: <364B3BF0.5E63@ap.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

High Gang:

My Daiwa 9V-15V adjustable power supply went belly-up and I am looking for a schematic. Thanks in advance.

Barnaby-KQ6EX

QRP-L #1381

Date: Wed, 11 Nov 1998 12:04:36 -0700
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: qrp-l@lehigh.edu
Subject: [24823] Re: FOX: K1MG

Message-ID: <3.0.2.32.19981111120436.006bdf88@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I see that Bruce copied my call. Now I now I said that I wasn't going foxing this week, but...had "choir practice" last night (actually it's my monthly poker group, but choir practice sounds better). Took a quick break at 0330z or so, ran out to the truck, fired up the QRP+, heard Mike calling CQ FOX, called him once and he came back! Made the exchange, ran back to the poker table, and missed one hand. They thought I had run out to get my ulcer medicine! How sweet it is!

Tim K50I
Las Cruces, NM

At 11:01 AM 11/11/98 -0600, you wrote:
>Mike started out very low here but qsb gradually build his signal
>up...couldn't stick around for the entire run as had family visiting but
>did copy a few calls...AF4B, K7TQ, NQ7X, K50I,
>...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
>"QRP! How sweet it is!"
>
>

Date: Wed, 11 Nov 1998 13:01:29 -0600
From: JFD WA8GHZ <jdougher@wt.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Cc: "nars@makelist.com" <nars@makelist.com>
Subject: [24824] FOX: Thursday Fox Notice de WA8GHZ
Message-ID: <3649DF09.CC7775C5@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

	GMT	FOX	FOX	START
WEEK	DATE	OP	QTH	TIME(Z)
6	11/13	WA8GHZ	TX	0200

That's this THURSDAY local
0900 EST
0800 CST
0700 MST
0600 PST

This is second time around, and expect about the same operations, with hopefully better prop and less qrm. Higher freq. 7.045+/- seems to work

best early, then LatAm qrm forces a move to lower freq. 7.035 +/- as conditions permit. Will announce QSY before jumping....

Rig = TenTec OMNI V @ 5 watts (max RIT/listen-up 3kc)

Ant = Inverted Vee

Keying by Kent, Logikey, and TR

Exchange = 55N TX JACK NR619

73 es GL

WA8GHZ /5

Date: Wed, 11 Nov 1998 18:46:48 -0000

From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>

To: <jimc@msw0.attnet.or.jp>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [24825] Re: QRP Rigs

Message-ID: <000901be0da7\$a52c5c80\$58e9b094@t7w6w7>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

You need to visit my web site! Check out the FAQ's I am busy compiling and remember to check in regularly - over 700 pages packed with all you will ever need (well nearly!)

Have fun.

.....

Frank G3YCC

GQRP Club 042

(g3ycc@g3ycc.prestel.co.uk)

QRP Web Site: <http://www.homeusers.prestel.co.uk/g3ycc/index.html>

Date: Wed, 11 Nov 1998 14:19:39 -0500 (EST)

From: James Skalski <jskalski@buffnet.net>

To: Radman <radman@best.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [24826] Re: TFE / Parts (mea culpa)
Message-ID: <Pine.LNX.4.03.9811111403100.989-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 11 Nov 1998, Radman wrote:

> Hi Jim,
>
> having ordered your 22 AWG -- nice wire! Question: Can
> those of us who need *only* TFE RG-174 order that from
> you? Say we needed 20-25 feet. Pr

Dan's Small Parts has a good deal on 50 ohm mini coax for \$.30/ft or 10 feet for \$2.50 plus \$4.50 for shipping. If anyone needs stuff from him anyway that might be the way to go.

The offer I had for \$1.00 for 5' of mini coax is good with the wire order as there is enough weight left to add the coax for no additional postage and the box has the room. Normally I offer the coax for \$2 per 5 foot.

To send out separate coax requires a padded envelope and postage. If you need two-five foot pieces of 50 ohm mini teflon coax and no wire and can't avail yourself of Dan's offer I could mail it for the following:

one each \$3 stamp+ \$.32 stamp + \$.23 stamp (total \$3.55 in stamps only please)

This is similar to Dan's offer and includes the shipping and envelope. I can only do about 25 or 30 of these due to supply of padded envelopes that I got from Office Max.

Please confirm before sending any stamps.

Jim (N2GO)

Date: Wed, 11 Nov 1998 14:20:57 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [24827] Re: W9GR dsp kit available
Message-ID: <3649E399.8450A2D8@ibm.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The DSP kit is spoken for. I'm sorry we could only take one :-(
Thanks for your interest.

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Wed, 11 Nov 1998 12:51:48 -0700
From: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
To: pierre@cmpe.ubc.ca, qrp1 <qrp-1@Lehigh.EDU>
Subject: [24828] Re: Audio Phase shifter number of poles, adjustments and filtering
Message-ID: <3649EAD4.EF279E38@email.mot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Q -> Is it overkill to use a 4 section phase shifter instead of the three?

I would suggest not using any more phase shift section sections than necessary. These are unity gain sections that contribute excess noise and consume more current. I could only see going with that many if it helped get better rejection with fixed parts.

> Q -> Would any crosstalk in the quad op amps amplifying
> the tayloe mixer output reduce the sideband rejection?

Don't worry about cross talk. The cross talk spec in mult-section op-amps is far beyond the 40-50 db supression you will get out of the phasing circuit.

>I thought about the tuning of the phase shifter.

I tune mine with a high value trimmer across the proper R. I left one side alone, and trimmed the other for best rejection.

>Filtering could be done with the nice maxim switched capacitor
>filters (nice little 8 pin chips) The cutoff frequency will

>simply be determined by a 555 timer which has a pot controlling
>the frequency.

I used this part in my receiver and ended up throwing it out. It generates too much noise to place anywhere but at the end of the gain chain. Placed there, a large signal will saturate the earlier gain stages before it gets blocked. However, I was in awe of the steepness of the roll of the Maximum part. Set the cut off at 700 Hz and at 840 Hz the signal is down more than 60 db(!).

- Dan Tayloe, N7VE, Phoenix, Az; Az ScQRPion; QRPL # 696.

Date: Wed, 11 Nov 1998 22:06:40 -0800
From: =?UNKNOWN?Q?Vicen=E7_Ll=E0rio?= <vllario@eic.ictnet.es>
To: qrp-1@Lehigh.EDU
Subject: [24829] Emtech ZM-2 ATU
Message-ID: <364A7AF0.B45@eic.ictnet.es>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi all the QRP gang!

I am looking for an unbuilt ZM-2 matching unit, if anybody over there has one and no time to build it (Hi), I would buy it. Please your answers directly to my e-mail address at vllario@eic.ictnet.es. Thanks in advance for cooperation and help and best 72

Vicen , EA3ADV QRP
EA-QRP # 4
G-QRP # 7384
ARCI # 8454
Norcal # 2570

Date: Wed, 11 Nov 1998 15:04:36 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [24830] QRP MILES PER PEDAL POWER Award and Bicycle Mobile Hams
Message-ID: <21E06269B00ED111BE9B00805F6D0FA34A7763@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

> Talk about interweaving of internet list and interests. Thanks to whoever
> passed on my request for info. Russ KB8U/BM send me the Bicycle Mobile
> Hams of America Newsletter 8 pages. Vol 9, Number 1, Jan/Feb/Mar 1998.
> Check out thier web page: <http://www.ragbrai.org/bmha/bmha.html>
> It's printed quarterly and has the general format similiar, albeit smaller,
> to the ARCI QQ. All bicycle folks the happen to be hams or is the the
> other way round. Never the less, there is a one page article under the
> HOMEBREW Section "Making a Bicycle-Powered Ham Radio Station" pg 4 by
> Steve Puvogel/KB7YCJ, 218 Seattle Blvd, So. Apt B, Pacific WA 98047
>
> Basically he is using a 80's car alternator pulleyed to a stationary
> training bicycle. It needs an 12 v battery to excite the fields in the
> alternator and requires 70 RPM pedaling in LOW gear constantly. There is
> no intermediate storage for the electricity produced. He powers 2 mtr HT
> and 10mtr xcvr. His article states write for free copy of complete
> instructions and wiring diagram, but please send a SASE.
>
> Mail to: Steve Puvogel/KB7YCJ, 218 Seattle Blvd, So. Apt B, Pacific WA
> 98047
>
> So it looks like there is one possible for a QRP MILES PER PEDAL POWER
> contest. I'm writing for my copy to check it out further. I guess these
> folks sign with /BM ;-) No joke intended. This list is getting soooo
> sensitive. HeeHee.
>
> Does any of the BMHA members (\$10/yr, newsletter group).that are also
> members of the qrp-l list having any idea of how any subscribe to both
> groups?
>
> Sam Billingsley AE4GX Atlanta,GA
>
> -----Original Message-----
> From: Russell J Dwarshuis [SMTP:rjd@merit.edu]
> >>>snip>>>
> I saw your posting on the QRP-l archive (I don't subscribe
> directly).
>
> Anyway, the Bicycle Mobile Hams of America newsletter had an
> article in
> the January 1998 issue about a ham who rigged a car
> alternator to his
> stationary bike for power. The author offered to send
> instructions to
> anyone who wanted to duplicate the project.
>
> I have an extra copy of the newsletter if you want it.
>
> Russell Dwarshuis KB8U/bicycle mobile

>

Date: Wed, 11 Nov 1998 15:04:39 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-1@Lehigh.EDU
Subject: [24831] free CRT
Message-ID: <Pine.LNX.4.03.9811111456220.989-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If anyone needs a CRT for a tektronix scope; you can have this one for the cost of shipping.

I think it was from a 15 or 30 meg scope. I don't remember. I replaced this with new CRT. This one works, some burn marks but works fine otherwise. I don't recall the number of the scope.

The numbers on the CRT

58
AL049213
P2

7533P2

3 34629
3

You choose which numbers are important. My guess would be on the second set of numbers :-)

I think I also have the high voltage board with some of the rectifier tubes. One of the rectifiers is bad. It's yours if you want it and if I can find it.

73,

Jim (N2G0)

PS. Yes, I do have the day off.

Date: Wed, 11 Nov 1998 14:29:27 -0600
From: applitech@mcg.net (Claton Cadmus)
To: <mgemm@mtechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [24832] Re: 300 Ohm Ladder Line-- More!
Message-ID: <012401be0db2\$214eba60\$a10a5e2c@groucho>

Marshall Emm N1FN/VK5FN wrote:

>7. 300 Ohms is a better match for some antennas at some
>frequencies. LB-- wanna chart the differences on a dipole
>cut for resonance at 7050??

As far as a dipole goes 450 or 300 ohm feedline will make no real difference. Also, to model this system you would need to know the feedline length. Any results from the modeling would also be in doubt due to surrounding objects like trees, your house, power lines etc.

>Not sure whether the reasons for using ladder rather than
>coax have been mentioned in this thread, but a co-ax dipole
>is (with few exceptions) a single band antenna, but feeding it
>with ladder line preserves the half-wave dipole
>characteristics on the band it's designed for AND adds
>multiband capability by turning it into a more generic
>"doublet."

This statement is false. The feedline doesn't change the characteristics of the antenna. The only advantage, and it's a good one, that ladder line has over coax is that it has less losses. This means it has less increased losses with increased SWR as well. Coax will work fine as a feedline in multi-band operation if you are willing to except the losses. Even at ten meters with an SWR of 20 to one at the antenna and the input of the feedline matched via an antenna tuner, the coax losses in RG-8 foam for a run of about 30 ft are only about 2 to 2.5 db. This is less than a half of an S-unit, but it's also about 1/3 of your power! 450 or 300 ohm balanced line comes in about .4db loss under the same conditions.

One thing you can do to help if you need to use coax, is choose the length of the dipole such that it will show a reasonable low SWR at the frequencies you want to use it. OTOH, ladder line is less expensive than coax and really not that much more difficult to use. I use it for my dipole.

More important in my opinion is that you maintain system balance. Use a good choke balun or a balance tuner with any balanced antenna system. If you use coax put the choke balun at the feedpoint of the dipole, it's a balanced antenna. If you use balanced line like I do, put the choke balun at the transition point between the balanced line and coax. I do this just outside the shack, coax runs out to the balun, balanced line up to the antenna.

Hope this Helps,

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Wed, 11 Nov 1998 12:39:40 -0700

From: "Michael Fletcher" <kl7ixi@mailcity.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [24833] Portland: Cascade QRP Club Meeting

Message-ID: <FDEEFKEKJGKEAAAA@mailcity.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

The Cascade QRP Club will celebrate its 1st Anniversary, Saturday Nov. 14th, 9 a.m., at the Carrows Restaurant, 69th Ave. and Highway 99W in Tigard, Oregon. Carrows is just east of the Ham Radio Outlet store. The club will meet in the backroom of the restaurant for coffee or brunch.

All hams interested in QRP are invited to join us for the meeting. Examples of QRP gear and publications will be there.

The Cascade QRP Club is a club where there are no dues, rules, and everyone is a President.

Members will be monitoring the 147.040 repeater if anyone needs additional directions to the restaurant.

72,

Mike KL7IXI/7

Vancouver, WA

Get your FREE E-mail at <http://mailcity.lycos.com>

Get your PERSONALIZED START PAGE at <http://personal.lycos.com>

Date: Wed, 11 Nov 1998 20:42:47 +0000
From: "Lageson's" <LAGESON@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [24834] SS N0UR, Why
Message-ID: <19981111204247.QJXN25684@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Band	QSO's
80	154
40	201
20	139
15	105
10	5

Totals 604 Q's X 77 Mults = 93,016

Two questions.

1. Why could I not get answers to my CQ's? I would find what I thought was a clear freq., work a few and then nothing. I've done much better previous years with my s/p and cq ratio. More than 80% were s/p.

2. How could I miss only two sections, and the two sections border my state? Where were ND and VE4?? I got the rare ones but missed these two. Almost missed ME and NE, but got hot the last hour on 80 meters.

Lots of great Q scores this year. I'm in a rut, almost same score last three years. May have to go with two radios next year.....anyone have a spare? They should have a new score listing, score/station value in dollars, I may have a chance. Maybe when the kids are out of college I can invest in some real radios/antennas, but they have not even started high school yet.

CU next year.

Jim, N0UR

Date: Wed, 11 Nov 1998 15:48:45 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [24835] N4BP QRP SS Stations Worked
Message-ID: <Pine.3.89.9811111540.A20617-0100000@bc.seflin.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As promised, I went through my log and counted 158 QRP stations. That amounted to about 12% of my QSO's, not bad! Obviously, I will not attempt to list them all here. :-) So even though I was running QR0, I was listening carefully for QRP-L members, honest!

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Wed, 11 Nov 1998 15:58:40 -0500
From: Tom Cooper <cooper@gmpvt.com>
To: qrp-l@lehigh.edu
Subject: [24836] N. Cal. QRP events?
Message-ID: <3.0.5.32.19981111155840.007b3b80@web.gmpvt.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I might be in SF or north on the 27 thru the 30th of Nov. Things are kind of sketchy right now. Are there any radio related events to be happening then?

Thanks & host of 70's,

Tom W1EAT

Date: Wed, 11 Nov 1998 13:01:20 -0800
From: "KE6VHM Frank" <ke6vhm@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24837] Icom 706 to computer
Message-ID: <012801be0db6\$ae7ba3e0\$03000004@f>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

For the next QRP CW contest I am going to try it with the computer and logging software. I need a little advise on the hookup. If there is anyone that has made the connection please tell me what you did. There is no sense in me reinventing the wheel here. A simple drawing showing the pinout of the computer connection and radio. My manual shows which two pins will key the transmitter and which is the audio out pin. Do I use the same ground for the audio out of the radio? I have been told that it will decode real good CW also - Is this true? I realize it won't do any good in a pileup, but casual CW maybe?

Thanks in advance
72 de KE6VHM

Date: Wed, 11 Nov 1998 13:03:27 -0800
From: "KE6VHM Frank" <ke6vhm@earthlink.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [24838] Re: Computer for logging?
Message-ID: <014301be0db7\$1eced400\$030000004@f>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Around here we use chain saws and skidders to log!
>
I'll bite what is a skidder?
72 de Frank

Date: Wed, 11 Nov 1998 15:09:27 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [24839] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.981111145604.20026A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...Team scores after Hunt #10 - N1FN - ten hunts already!?...approaching the halfway mark...

The 40 mtr Fox Hunt Team Scores

...the Kentucky Porch Houndz - 7.000 - hound -> KA80KH

...the Underdogs - 6.581 - hounds -> N4ROA,KI0II,AB7CE
"CLEAN SWEEP"

...the Houston Hounds - 6.400 - hounds -> K5ZTY,KQ5U,KK5LD

...the Vibro-Fox Finders - 6.350 - hounds -> WE6W,N7MFB,KU7Y,K2VCO

...the Fox Nabbers - 5.572 - hounds -> K0EVZ,W0CH,W5FN
"CLEAN SWEEP"

...the Brass Pounders - 5.500 - hounds -> AB8DF,KB7MBI
"CLEAN SWEEP"

...the Texas Tarantulas - 4.500 - hounds -> N5TW,W5HNS

...the Northern Lights - 3.664 - hounds -> VE6EWM,VE5RC,VE2KN

...the Swords - 3.330 - hound -> N8VZU

...the Team Apathy - 1.998 - hound -> K7TQ

...the Jersey Diddles - 1.532 - hound -> N2T0

Date: Wed, 11 Nov 1998 14:33:18 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <ekdave@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [24840] Re: SS - The Last Word
Message-ID: <1ba201be0dc3\$4ad13140\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

AB0GO said:

>...How true! A couple of weeks ago I got a big envelope in the mail
from the
>ARRL. Inside was an "International Contest Award": I "achieved first
place,
>single operator, 20-meters, phone for the Colorado section in the
1998 ARRL
>International DX Contest". I achieved this gargantuan feat by working
22
>stations in four hours and by dutifully submitting my log. You
guessed it--I
>was the ONLY op in the C0 section entered in the 20-m single band
category.

How cruel! Here I sit in the middle of the electronics capital of the
world, where every third house has a tribander, home of the world's
largest DX club, home of one of the most influential QRP clubs, home
of some of the most competitive contest ops this side of a certain
unnamed section in Texas. ...here where you need 1000 Qs to make it
into the bottom ten of the SCV section QRP class listings. T'ain't
no way I can skate into one o' them fancy sheets of paper just by
showin' up!

Mike K1MG

Date: Wed, 11 Nov 1998 22:40:01 +0000
From: Ed Loranger <we6w@qs1.net>

To: qrp-1@lehigh.edu
Subject: [24841] Semi-rigid coax/ Radiokit adventure/Tuning Forks
Message-ID: <364A1241.3203@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have no idea what all the need for semi-rigid coax run is about, but I do know it is my FAVORITE stuff.

Recently I came into some micro-sized semi-rigid 50 Ohm coax. Aprrox .1 inch diameter (Maybe a little smaller, no samples here) and pre-fabricated into a slight "S" shape, I think.

If anyone does any trades with me I will send a couple If you mention it.

Just FYI. Probably use some in my next kit for short runs.

Radiokit.

Well, I got this radiokit project waiting in the wings. Was about to start it when this whole Resonant speaker took over my life.

I'm gonna be building the 80 Meter SSB Version. I guess it is a 30 Watt monster. After I get it working (VBG/LOL)! I'll most probably be looking for a CW/QRP Radiokit project in exchange for it.

Voice Proficiency here is equal to ZERO.

Nearly got the workbench ready for winter projects! Wahoo!

Have a small group of motivated and helpful individuals to thank that have offered a tuning fork here and there. Looks like I'll be possibly able to build the musical boom pipes after all. And as an aside, more easily experiment with the Acoustic chambers I'm working on for the resonant speaker.

Thanks to the following who are hunting for tuning forks in the depths of their junkboxes: (Hope I'm not missing anyone)

Nick - kf2ph
Skip Davis NC90
Tim W5FN
Dave Epps AB5PC

All are big "Maybe's" -- Much better than having to throw in the towel!

Thanks Guys!

Phew! Lots going on at this hound hut.

Woof!

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 11 Nov 1998 15:53:25 -0700
From: "David Ek" <ekdave@earthlink.net>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24842] Re: SS - The Last Word
Message-ID: <000601be0dc6\$18c1eac0\$e8c22499@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, Mike,

You just got to show up in the right place! Colorado's *full* of former Californians--one more won't hurt, as long as he's a ham! ;-)

72 de Dave AB0GO

>>I was the ONLY op in the C0 section entered in the 20-m single band
>category.

>

>

>How cruel! Here I sit in the middle of the electronics capital of the
>world, where every third house has a tribander, home of the world's
>largest DX club, home of one of the most influential QRP clubs, home
>of some of the most competitive contest ops this side of a certain
>unnamed section in Texas. ...here where you need 1000 Qs to make it
>into the bottom ten of the SCV section QRP class listings. T'ain't
>no way I can skate into one o' them fancy sheets of paper just by
>showin' up!

>

>Mike K1MG

>

>

>

Date: Wed, 11 Nov 1998 15:26:42 -0800
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>
To: <qrp-1@lehigh.edu>
Subject: [24843] Leonids--6m or 2m QRP
Message-ID: <19981111232448.TZPM25684@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang, I've NEVER had 6M gear before, but I do now and I plan to try to work 6M SSB QRP or CW QRP using the Tentec transverter and the IC-725.... during the Leonids shower (peaking Nov 16-17-18). There is also the possibility of working 2M FM (which, except for packet, I've never really been interested in before). Since Leonids Shower seems to come from almost overhead, I think I'll put up low dipoles to fire a vertical signal into the atmosphere and see what kind of returns I get.
Also -- 10M might be usable after dark when the skip folds.

Has anyone on this list ever tried to work meteor scatter on 6 or 2, and if so -- what can I expect. Are there some things I should be doing (like calling CQ at specific times) or some things I shouldn't be doing? Any help appreciated.

Also, if any of you are interested in the Leonids -- I found a meteor shower list!!!! To subscribe send "'subscribe meteororbs yourname" to listserv@latrade.com.

Seeya on the radio!!!

Alan Kaul, W6RCL, LaCanada, CA e-mail: w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html> or
<http://home.att.net/~alan.kaul/qrp.html>

Date: Wed, 11 Nov 1998 16:26:01 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [24844] Re: Semi-rigid coax/ Radiokit adventure/Tuning Forks
Message-ID: <Pine.SOL.3.91.981111161911.26837A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ed and others,
The two standard sizes for 50-ohm semi-rigid coax are
.085" dia and .141" dia.

For those who don't know what semi-rigid coax is, it looks like small copper tubing. It *is* coax in that you have a center conductor, foam (or PVC) dielectric, but the shield is solid copper, giving it the copper tubing look. It is used in VHF/UHF a lot due to its shielding characteristics, and the ease of applying SMA connectors, *if* you have all the neat tools to trim back the copper tubing, proper soldering irons for sweat soldering the jacket to the connector, and the tools for bending the stuff (although the thumb and forefinger approached *does* work -hi).

For those without all the weird tools, I recommend using the right-angle SMA connectors ... the end of the right angle swivel "box" is open, allowing access to solder the center conductor to the center pin of the connector with a standard soldering iron. When done, a small piece of brass is easily soldered on to cover up the solder access hole. Unfortunately, right-angle SMA's are also not cheap.

72, Paul NA5N

Date: Wed, 11 Nov 1998 16:31:07 -0700
From: "James R. Duffey" <ji3m@maxwell.com>
To: qrp-l@Lehigh.EDU
Subject: [24845] Novel Contest Exchanges
Message-ID: <v03007804b26fc60bd522@[199.120.49.103]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was happy to see the post by Bruce, N7RR, on alternate contest exchanges. I too feel that the 599 or 59 exchange doesn't exchange much information and is "rote". In those contests I usually send 559. It is faster to send and only the great operators and beginning operators get it the first time =8^).

We in the QRP world have more than our share of contests with novel and unique exchanges that mean something, the BUBBA and FYBO contests leap to mind, as do the many exchanges that require power levels and/or member numbers to be exchanged.

I think that the best in this genre is the Internet Sprint put on by the contest reflector. One component of the exchange is a name. For the first contact you send your own name. For every other contact you send the name

that was sent to you in the previous exchange. Suppose I work Ron, KU7Y. I send Jim and he sends Ron. Then I work Chuck for his first contact. I send Ron and Chuck sends Chuck. Chuck then works Ron and Ron sends Jim and Chuck sends Jim. It gets pretty wild. You don't have to use your real name and in the last sprint among the names heard were Monica, Bill, Hillary and Newt. If you get a name you think is obscene you can exchange it with another name. In the last sprint I started out sending DRQRP. A few exchanges later it had morphed into DRQRO. Apparently someone found QRP obscene =8^). Fine with me as it adds to the fun. Miscopies get propagated; Bill became Dill as an example. The sprint lasts 4 hours. There is no way to figure out the exchange unless you actually work the guy and copy it. It is different before and after you work the guy. You can't read the mail on a high speed op and fill in what you miss. You have to ask for fills and QRS. The real kicker is that the contact has to be correct in both logs to count. Everybody has to send in a log and every contact is checked. That was a humbling experience to me. I won't tell you about the errors I made in the last one. =8^)

I think that the idea of an antenna exchange would be good for an "antenna experimenters night" I like that; an honest signal report, SPC, Polarization, antenna type, feedline type, height above ground, and power. You could work people twice if you switched antennas.

NA5N HI PAUL ur 55 NM HORIZ DELTA LADDER 35FT 5 W KK6MC/5 KN

Anybody want to try it? Maybe the NW QRPers could work this into the NERDS contest. That way people at home could play (for a lower mult of course). - Dr. Megacycle(per second) KK6MC

James R. Duffey KK6MC/5 DM65tc <jamesd1@flash.net>
30 Casa Loma Road
Cedar Crest NM 87008

Date: Wed, 11 Nov 1998 17:43:41 -0500
From: wb8ygg@juno.com
To: jskalski@buffnet.net
Cc: qrp-l@Lehigh.EDU
Subject: [24846] Re: TFE / Parts
Message-ID: <19981111.182730.3822.0.wb8ygg@juno.com>

If you've never used teflon wire for a project, make sure you get ahold of some of this!
I think it's great. It really is nice especially when you're an average wire solderer,

and insulation seems to just shrink away as you solder wires!

73

No connection, just know it's great stuff.

Brad

"One of the TICK Guys"

Brad WB8YGG

<http://www.frontiernet.net/~embres>

embres@frontiernet.net

On Wed, 11 Nov 1998 12:05:47 -0500 (EST) James Skalski

<jksalski@buffnet.net> writes:

>

>Someone posted my address in relation to Teflon. That resulted in 10
>emails with questions about it. Yes I do have it.

>

>10 rolls x 50feet (500' total) 22AWG silver plated teflon insulated.

>In an assortment of colors. \$20 shipped via priority mail CONUS.

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 11 Nov 1998 23:45:41 +0000

From: Ed Loranger <we6w@qsl.net>

To: Paul Harden <pharden@aoc.nrao.edu>

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [24847] Re: Semi-rigid coax/ Radiokit adventure/Tuning Forks

Message-ID: <364A21A5.734E@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Paul et al, Yes .085 and .141 are the common ones. Thanks
for the wake up, Paul. Been pretty busy writing code
and should have realized that.

The Micro-coax I have is, like (CA-Speak :-)
serious small. Diameter is about the same as a 27 awg
wire with the insulating sheath on.

Don't even ask me to measure the center pin!

-Ed

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 11 Nov 1998 15:51:50 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [24848] Fox: K1MG log coming soon
Message-ID: <1d2401be0dce\$432561e0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fox hounds --

I had hoped to post my log by now, but got called in to work on my vacation day off to give a presentation to a VIP. It will have to wait 'til tomorrow. My apologies.

Sure was fun. Band was hoppin' at 0200Z. No QRN. It was a joy to hear all those hounds baying. Felt like shooting fish in a barrel. ...nearly one Q per minute...until the band died. Vanished. The whole pileup. Completely gone. Noise S7. Just a few S2 signals buried in the noise. Had to scratch and claw my way into each QSO. Ended up calling CQ a lot.

No records set. Got somewhere around 70 hounds.

Thanks to all who came and helped.

Mike K1MG

End of QRP-L Digest 1273
